

Program EVALPLOT  
(Version 2021-1)

by

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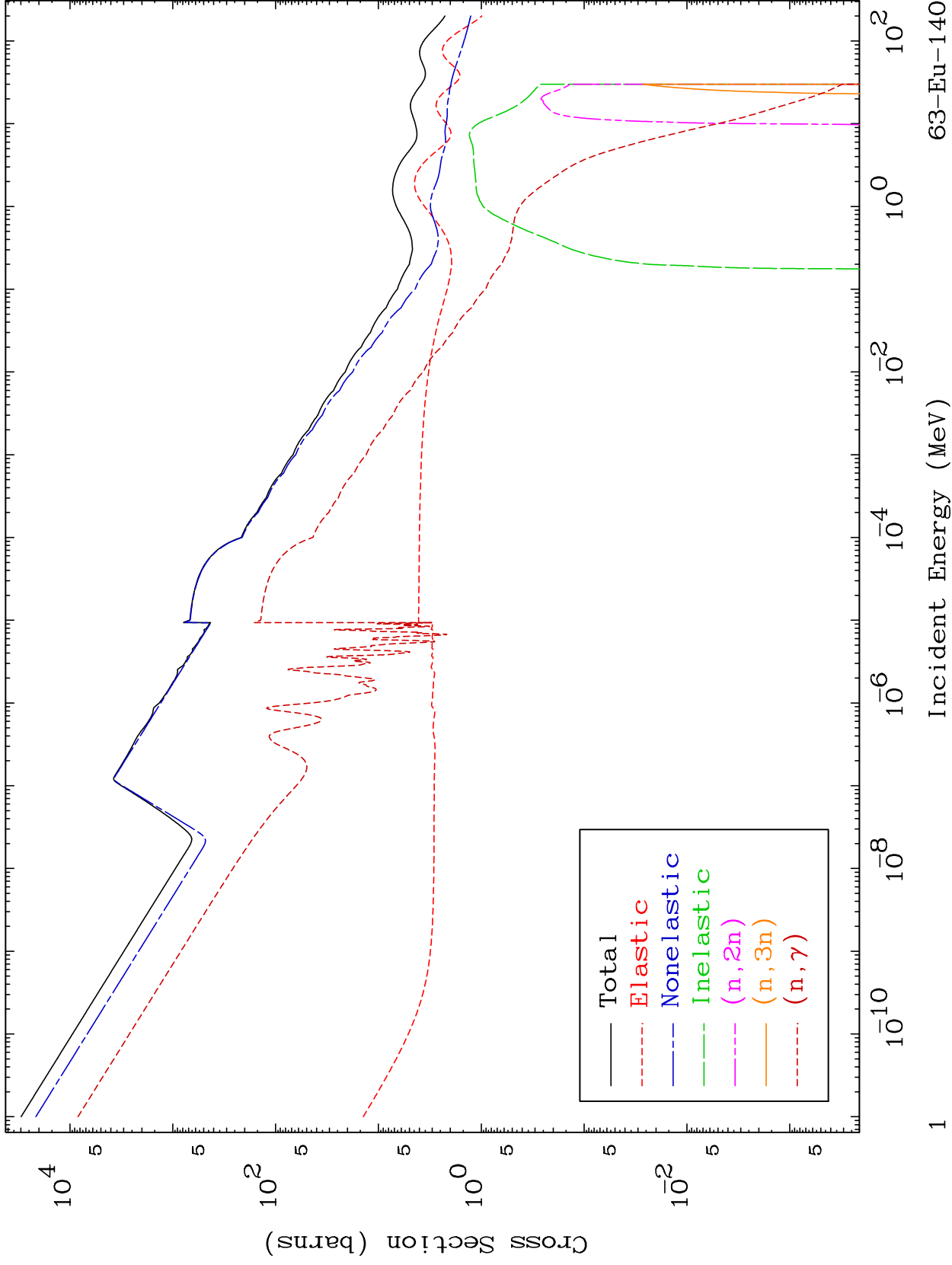
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Press Mouse Button to Start

MAT 6292

Neutron Major  
293 Kelvin Cross Sections

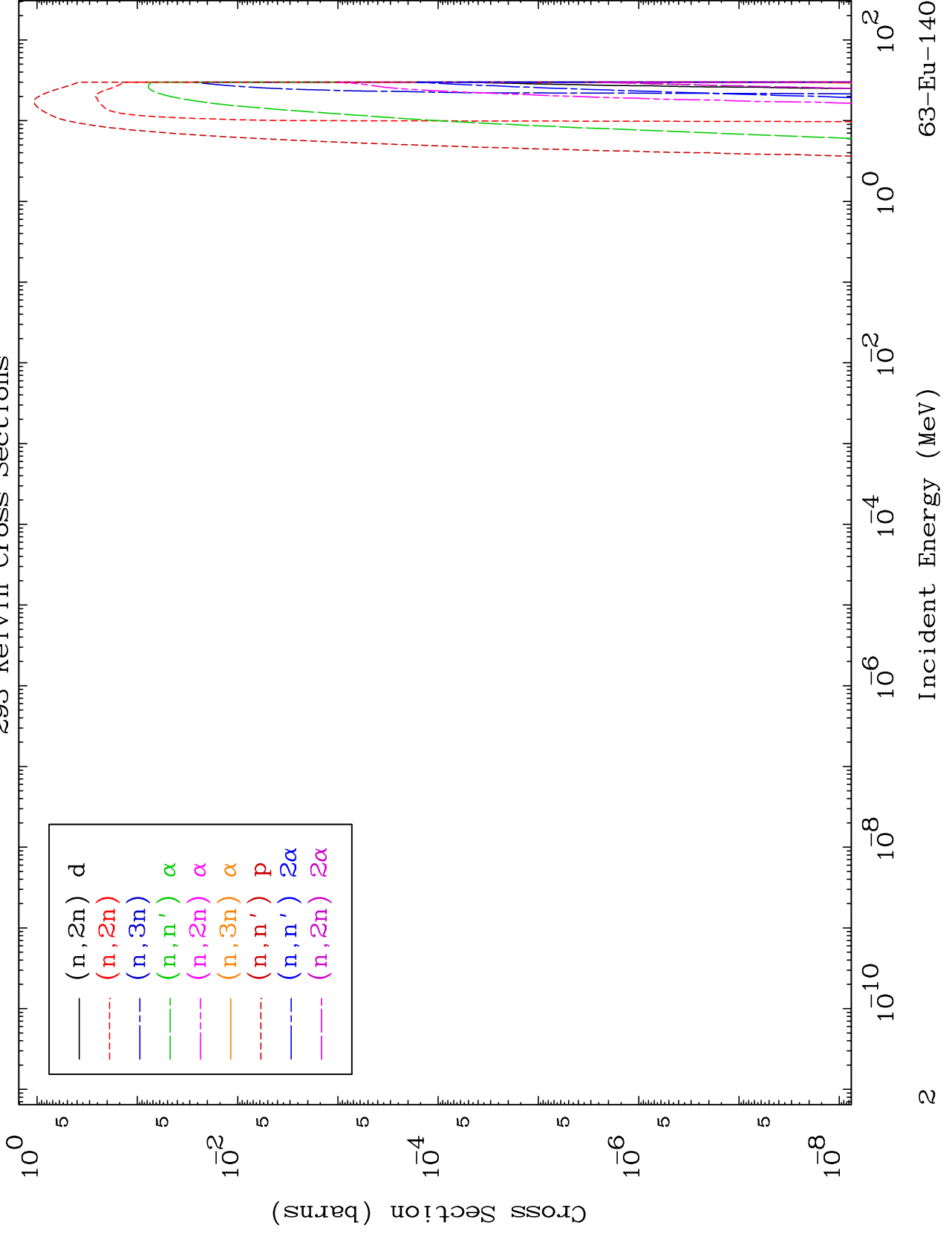
63-Eu-140

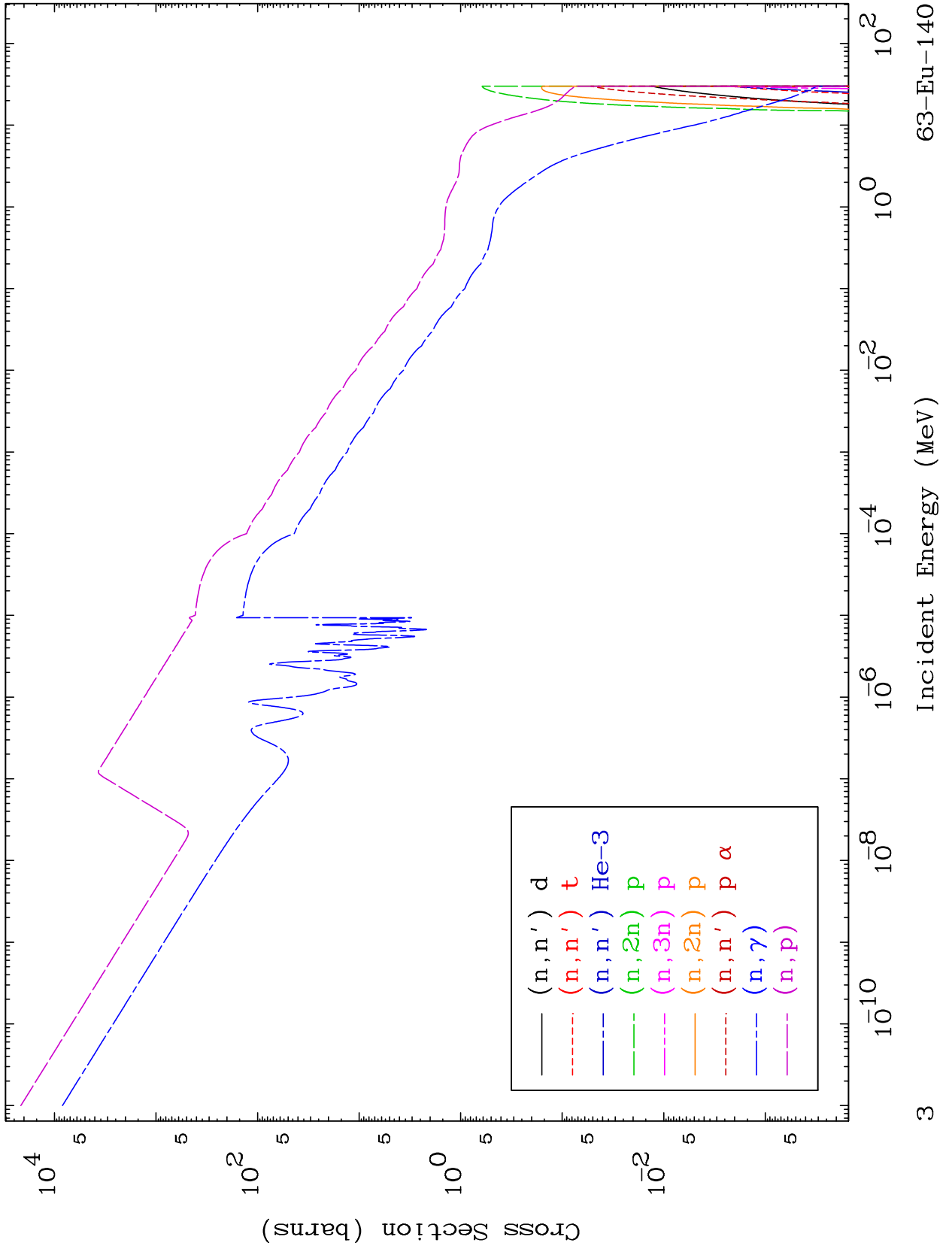


MAT 6292

Neutron Absorption  
293 Kelvin Cross Sections

63-Eu-140

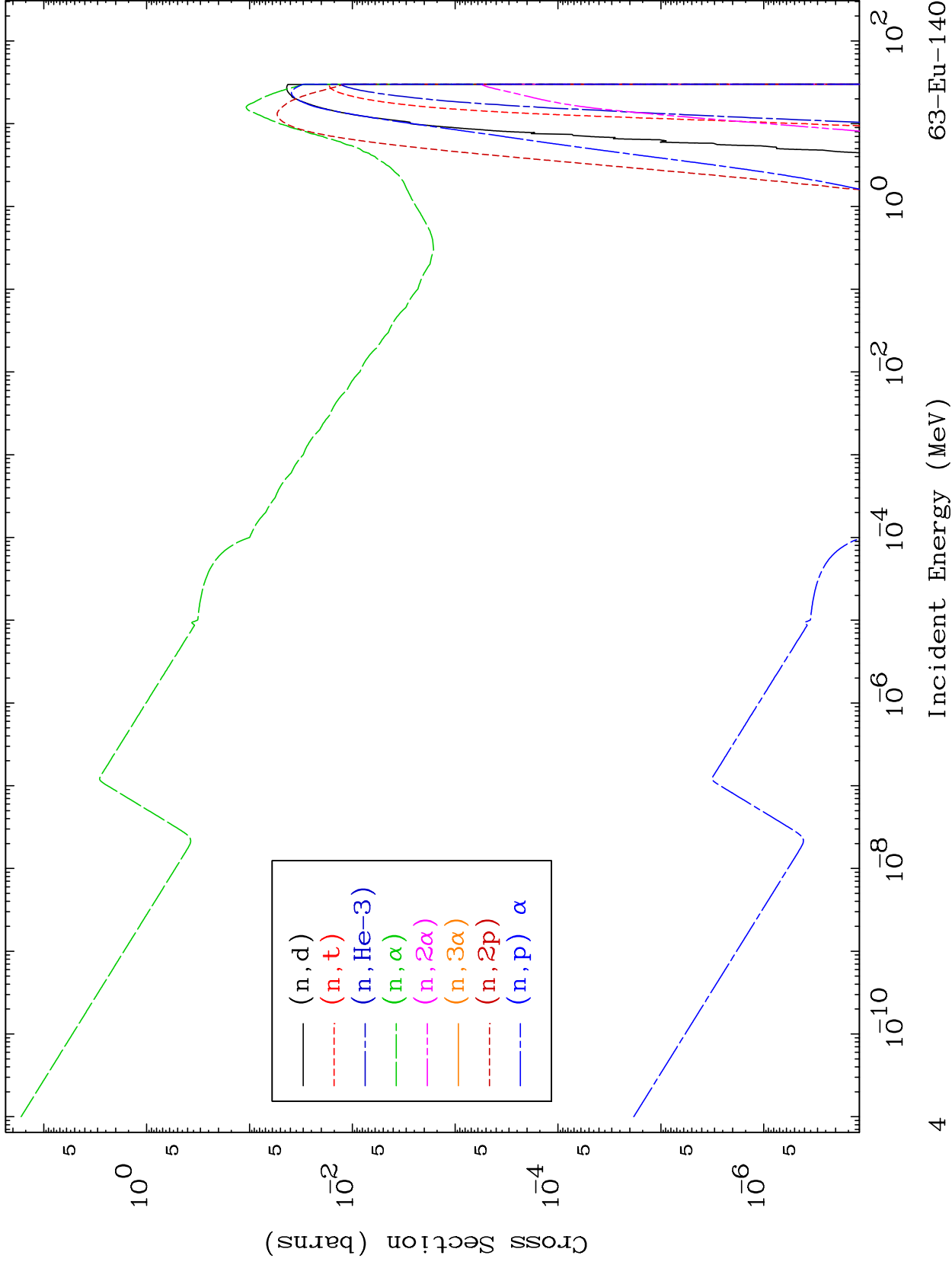


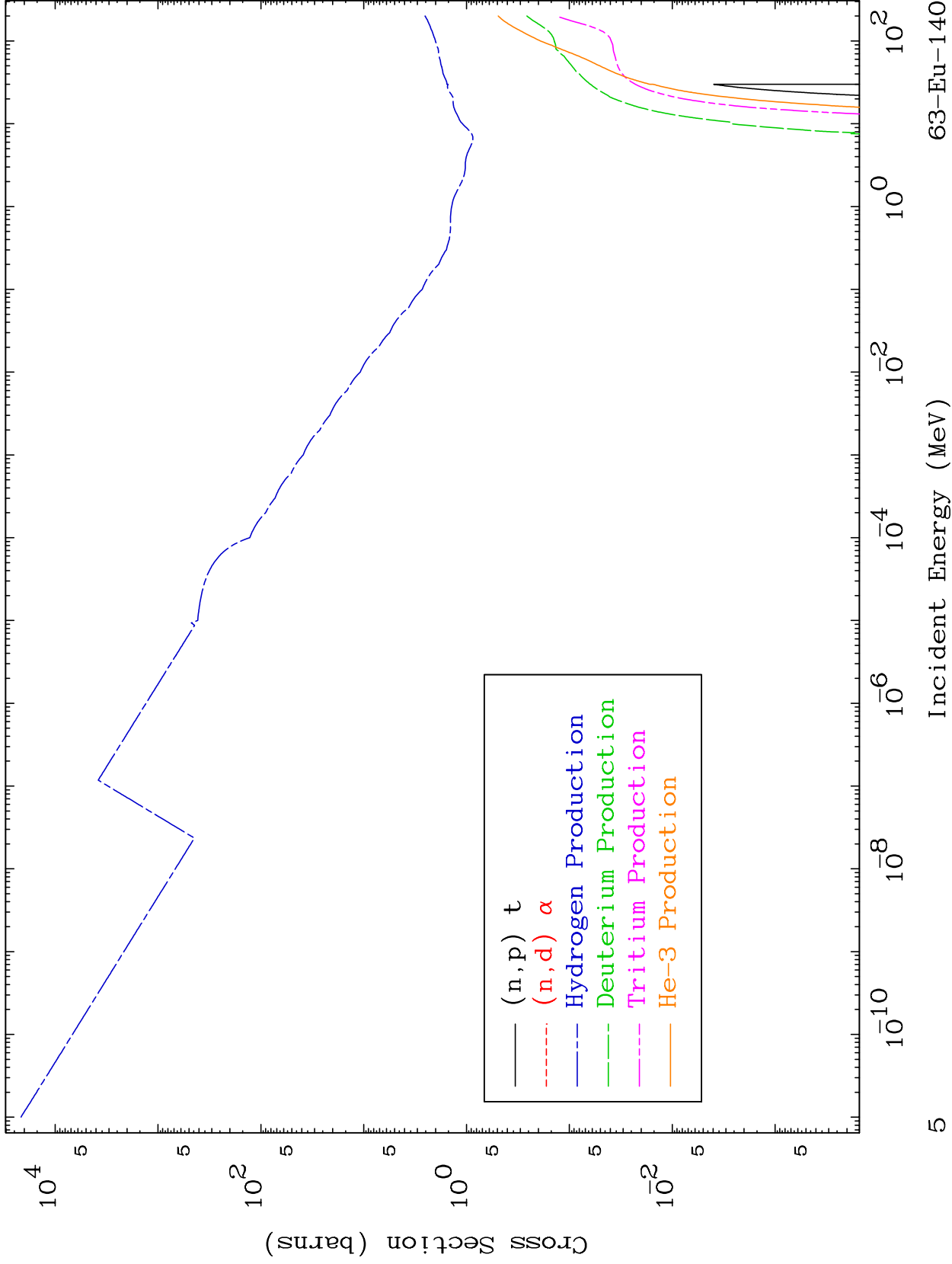


MAT 6292

Neutron Absorption  
293 Kelvin Cross Sections

63-Eu-140

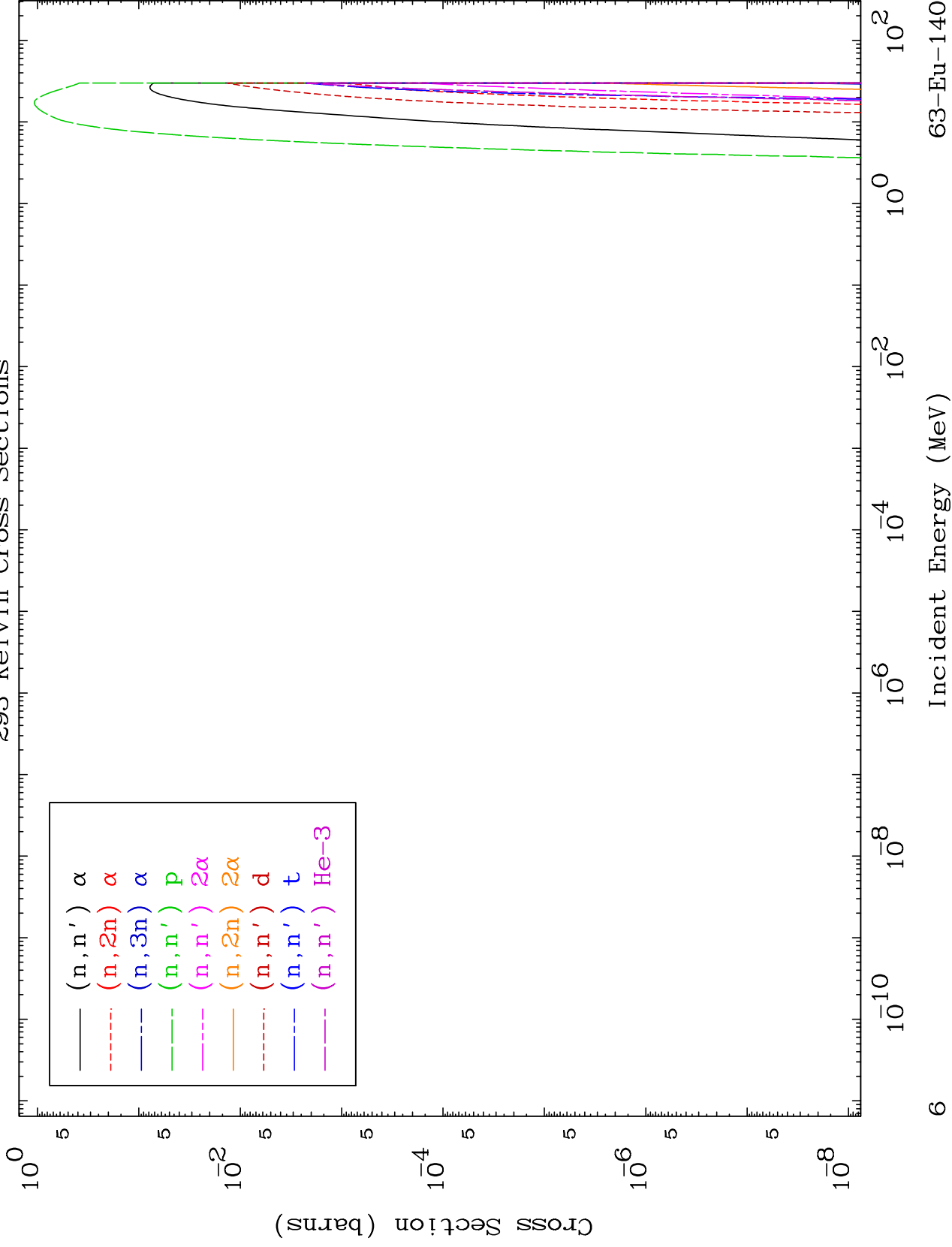




MAT 6292

Charged Particle  
293 Kelvin Cross Sections

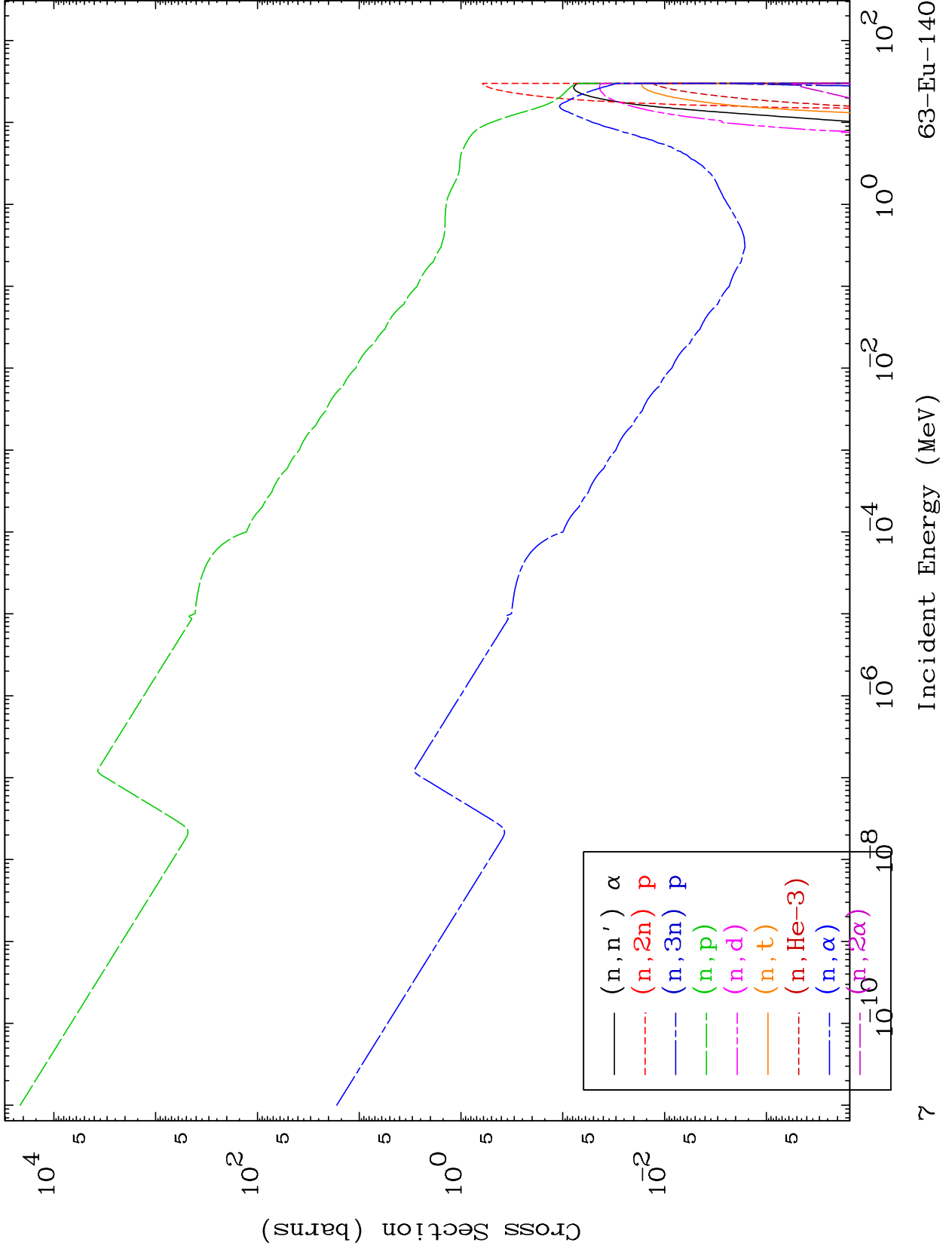
63-Eu-140



MAT 6292

Charged Particle  
293 Kelvin Cross Sections

63-Eu-140

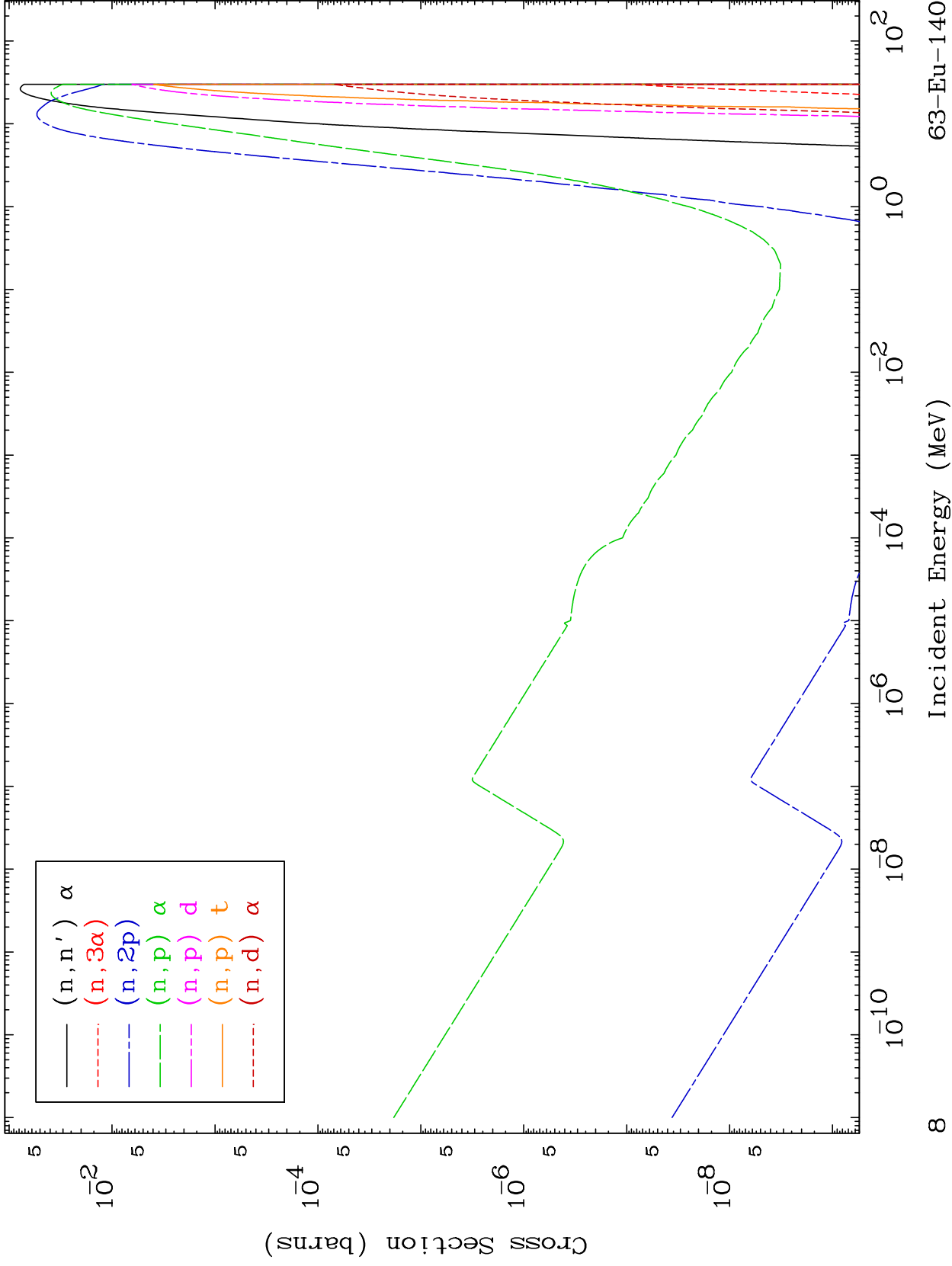




MAT 6292

Charged Particle  
293 Kelvin Cross Sections

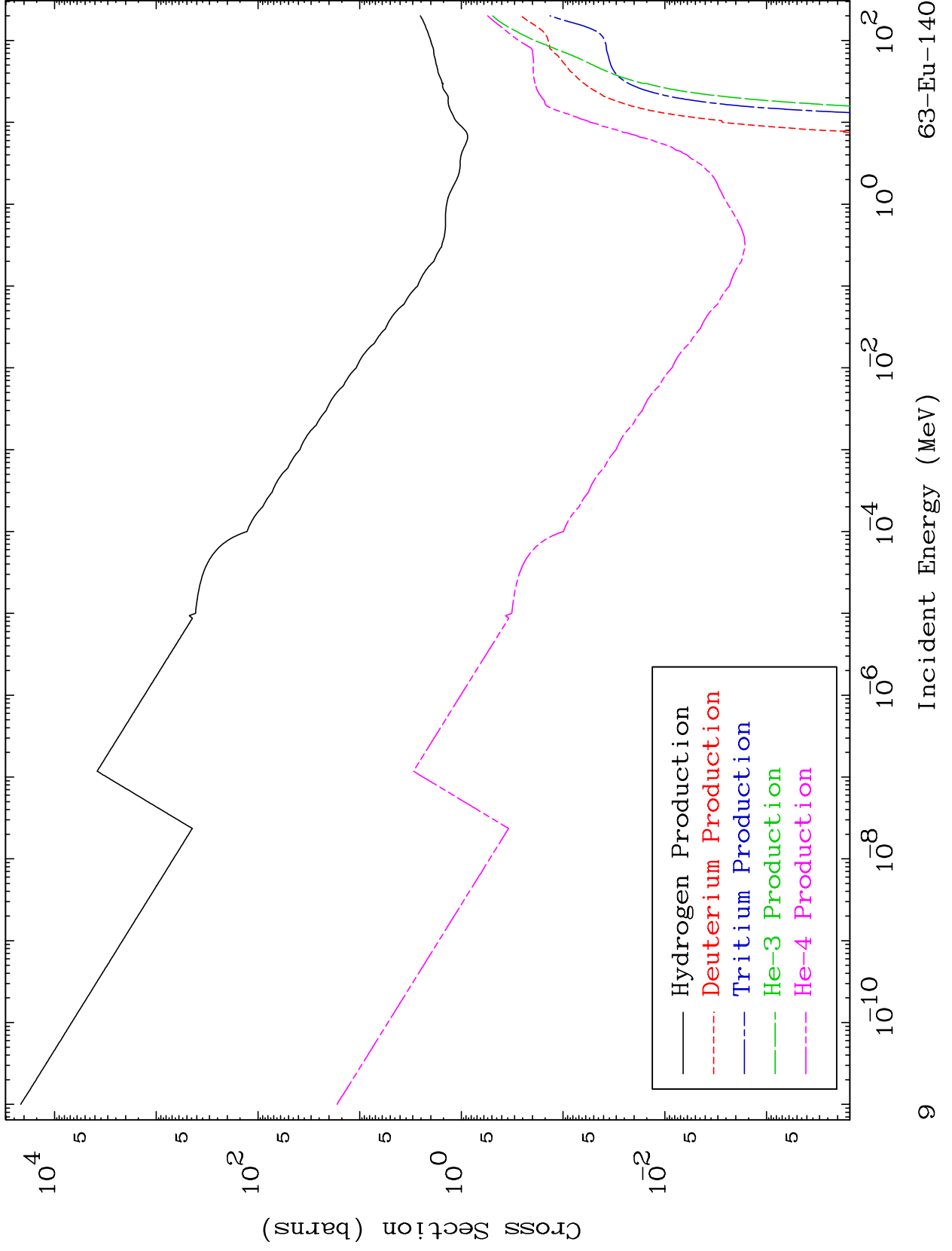
63-Eu-140



MAT 6292

Particle Production  
293 Kelvin Cross Sections

63-Eu-140

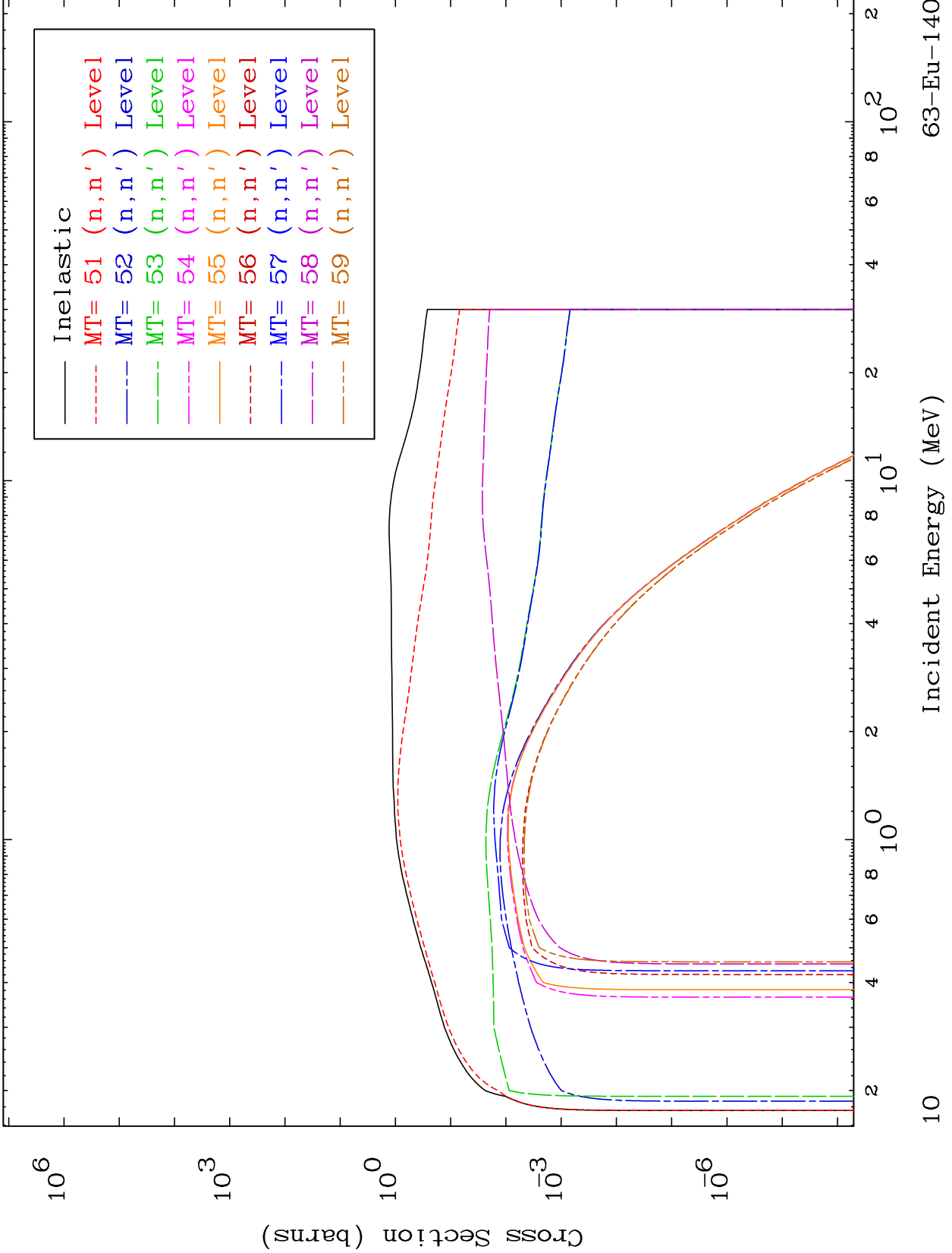


MAT 6292

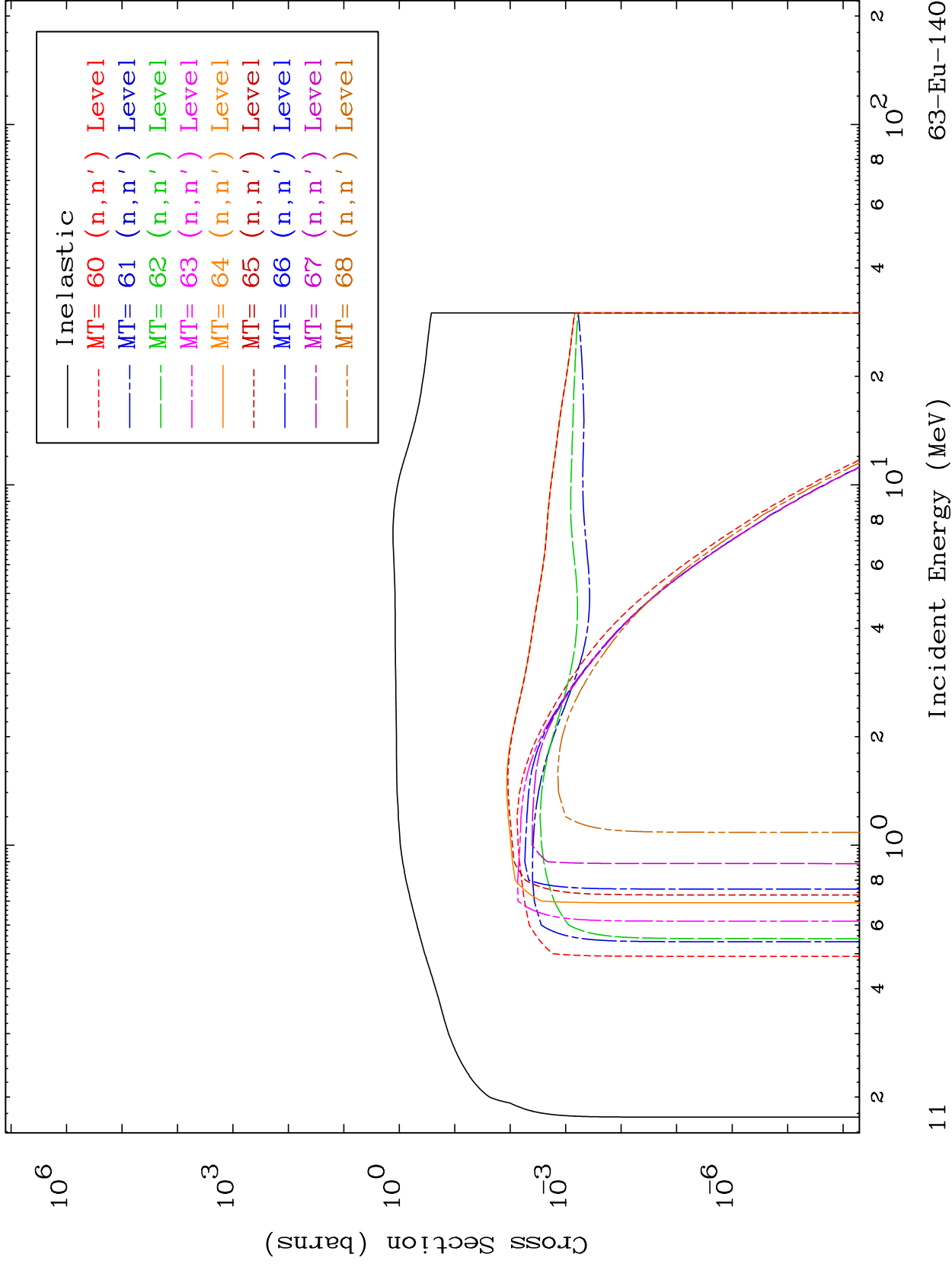
(n,n') Levels

63-Eu-140

293 Kelvin Cross Sections



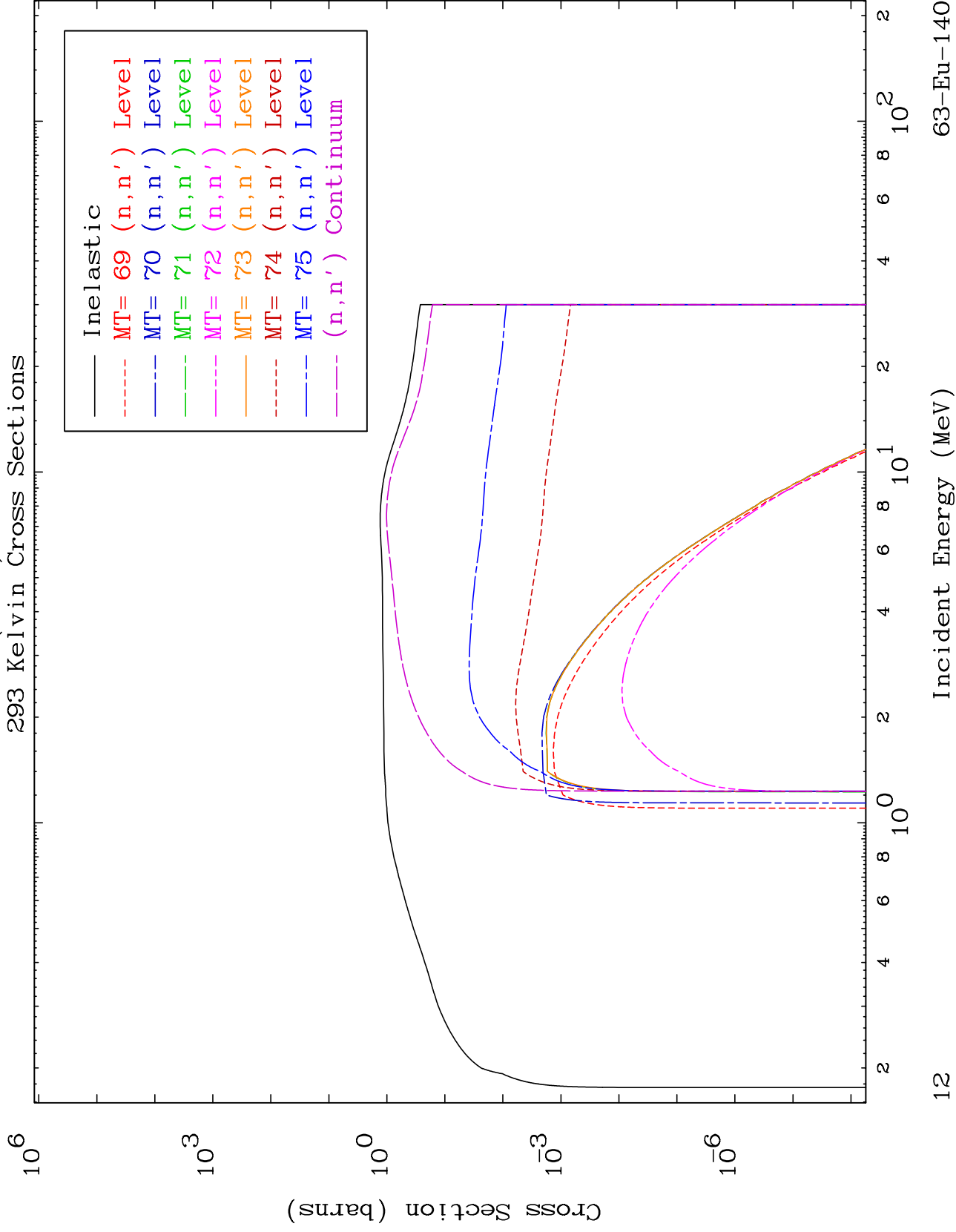
293 Kelvin Cross Sections



MAT 6292

(n,n') Levels  
293 Kelvin Cross Sections

63-Eu-140



12

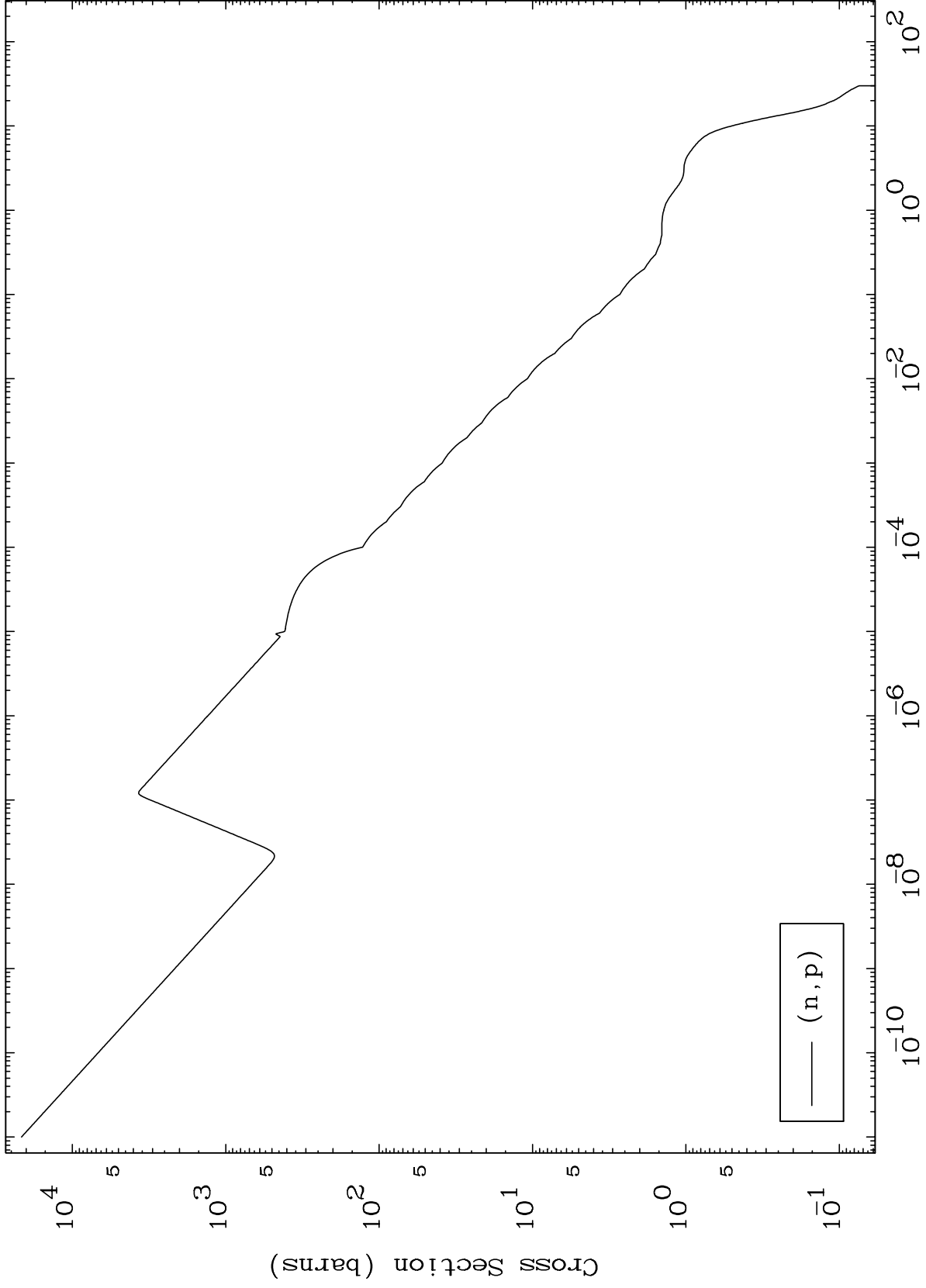
Incident Energy (MeV)

63-Eu-140

MAT 6292

(n,p) Levels  
293 Kelvin Cross Sections

63-Eu-140



13

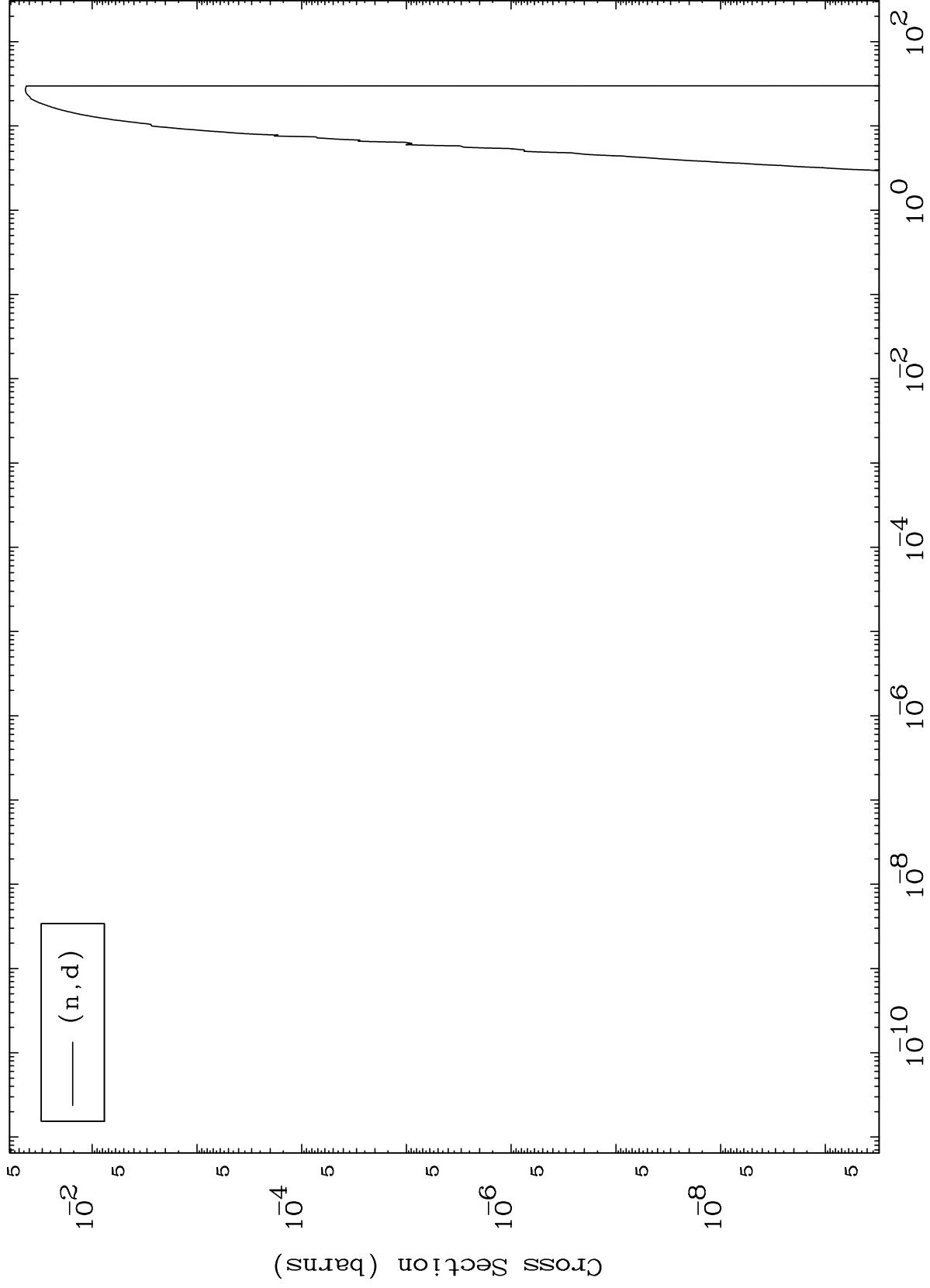
Incident Energy (MeV)

63-Eu-140

MAT 6292

(n,d) Levels  
293 Kelvin Cross Sections

63-Eu-140



(n,d)

63-Eu-140

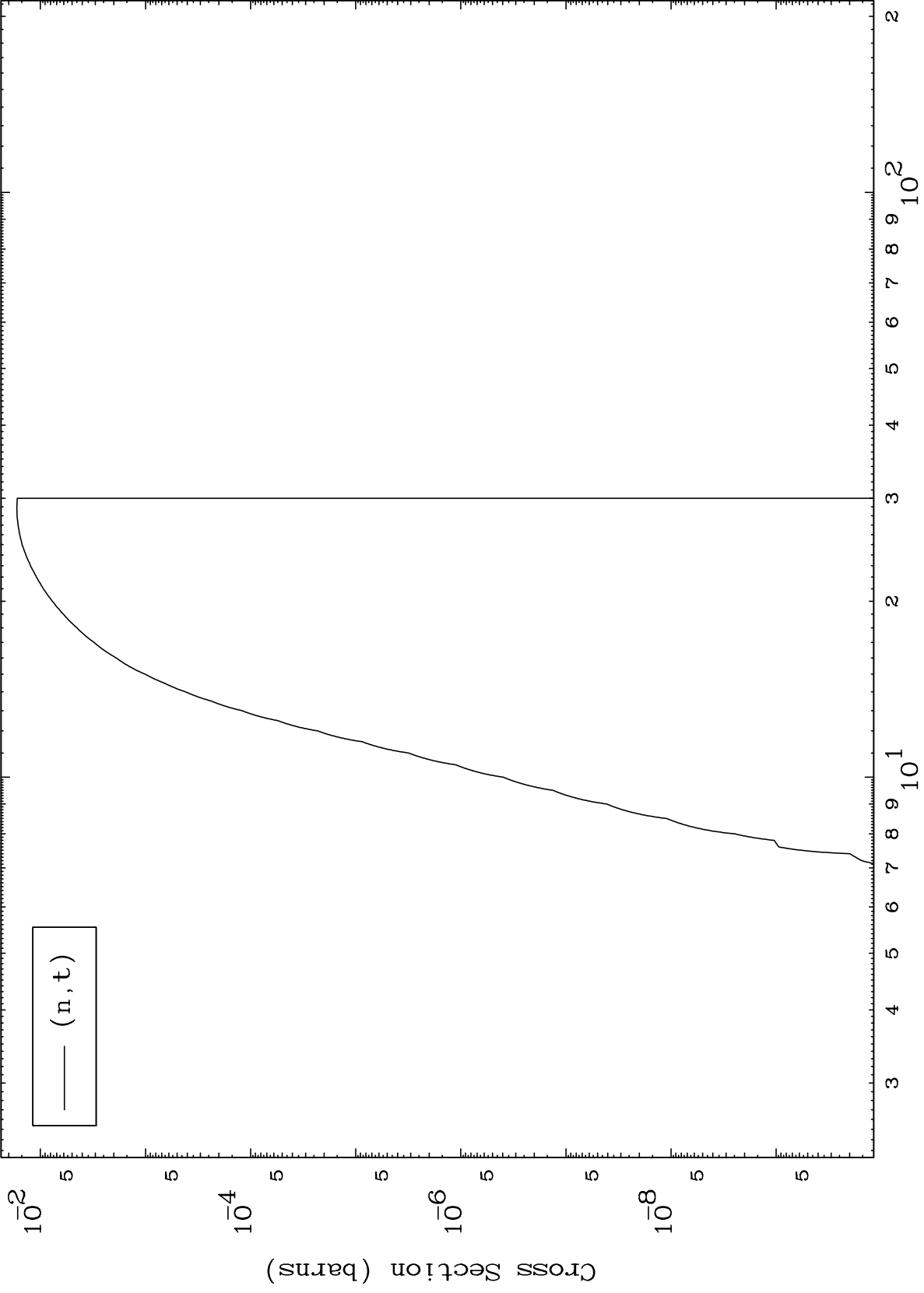
Incident Energy (MeV)

14

MAT 6292

(n,t) Levels  
293 Kelvin Cross Sections

63-Eu-140



15

Incident Energy (MeV)

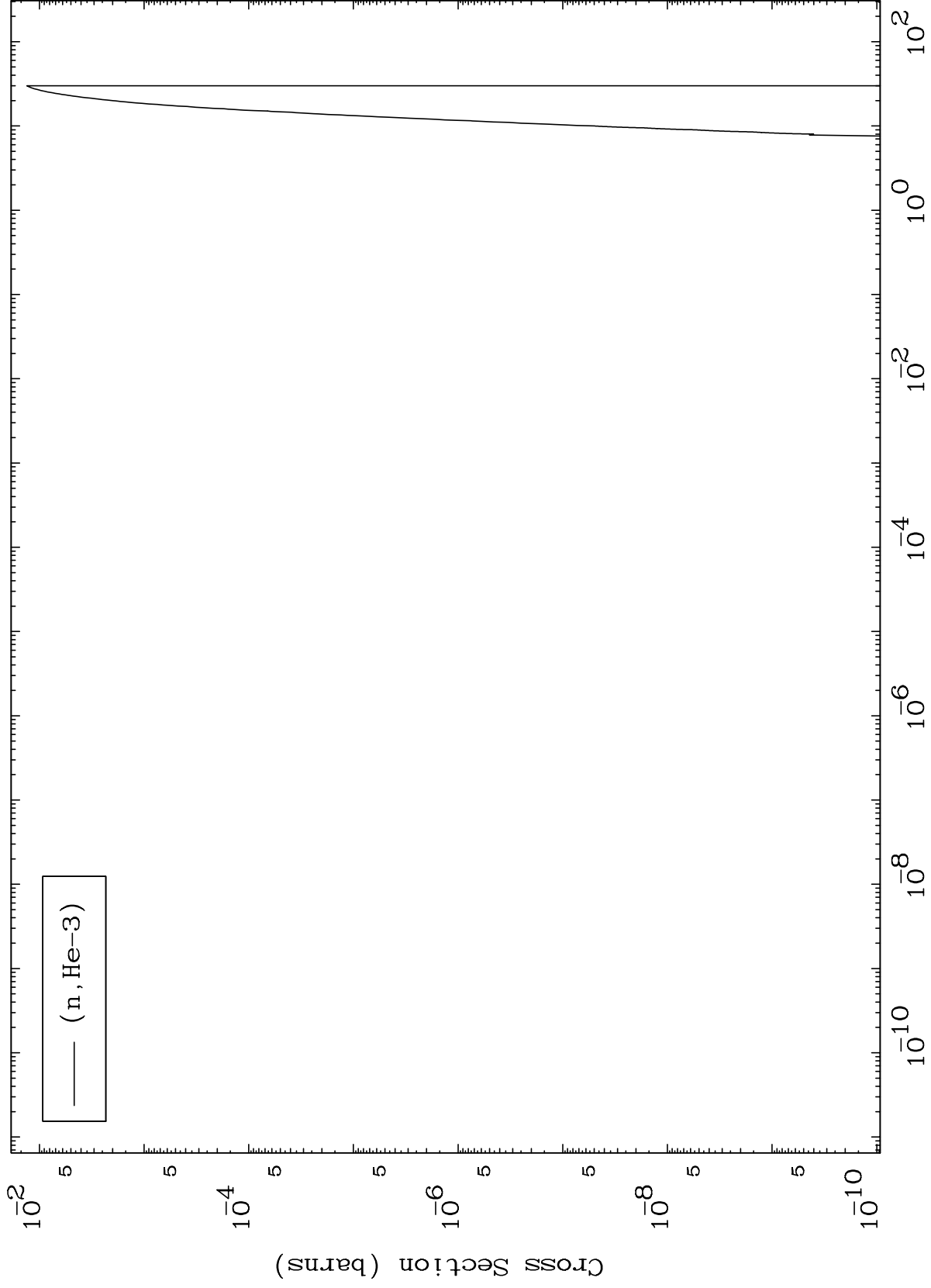
63-Eu-140



MAT 6292

(n,He3) Levels  
293 Kelvin Cross Sections

63-Eu-140



16

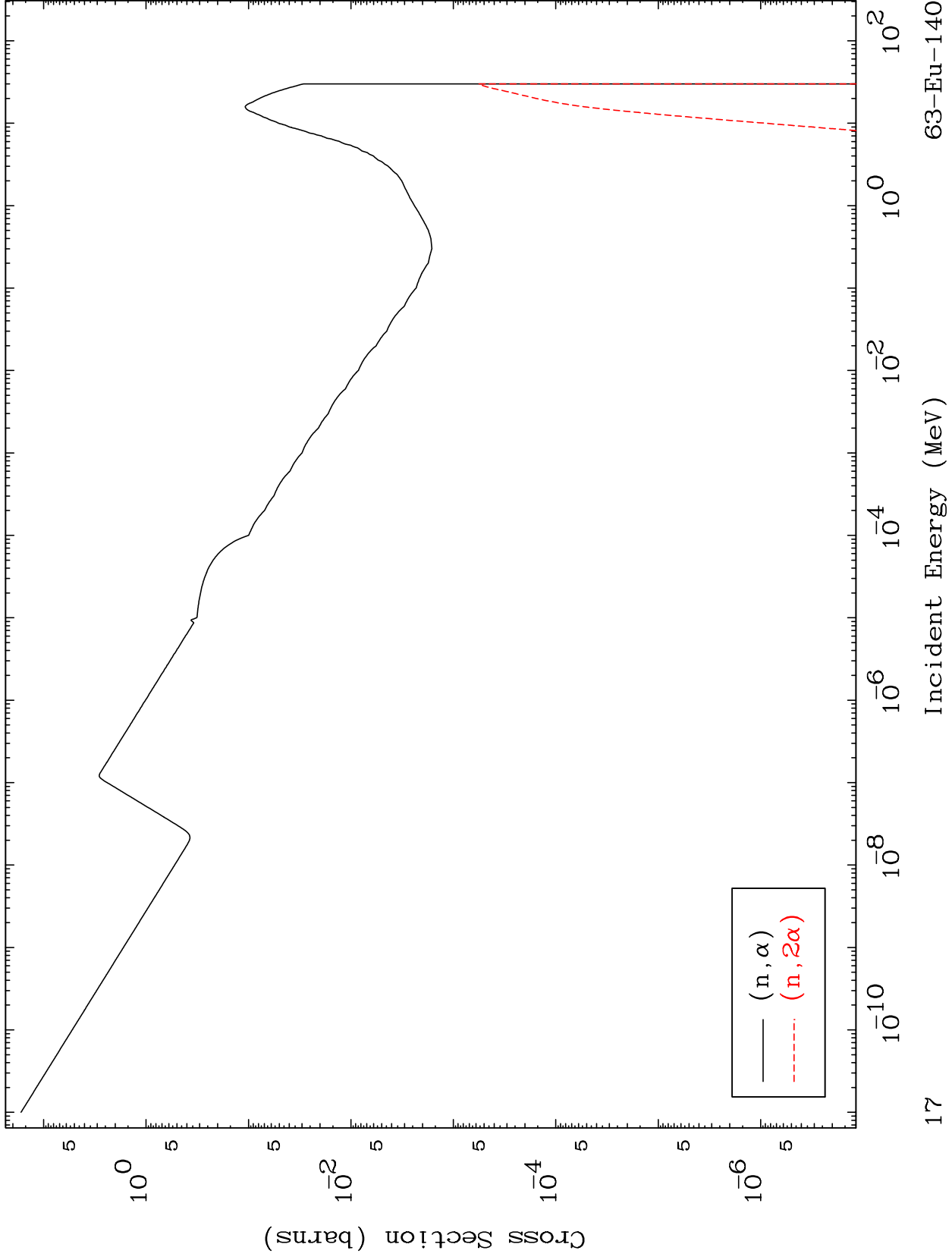
Incident Energy (MeV)

63-Eu-140

MAT 6292

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

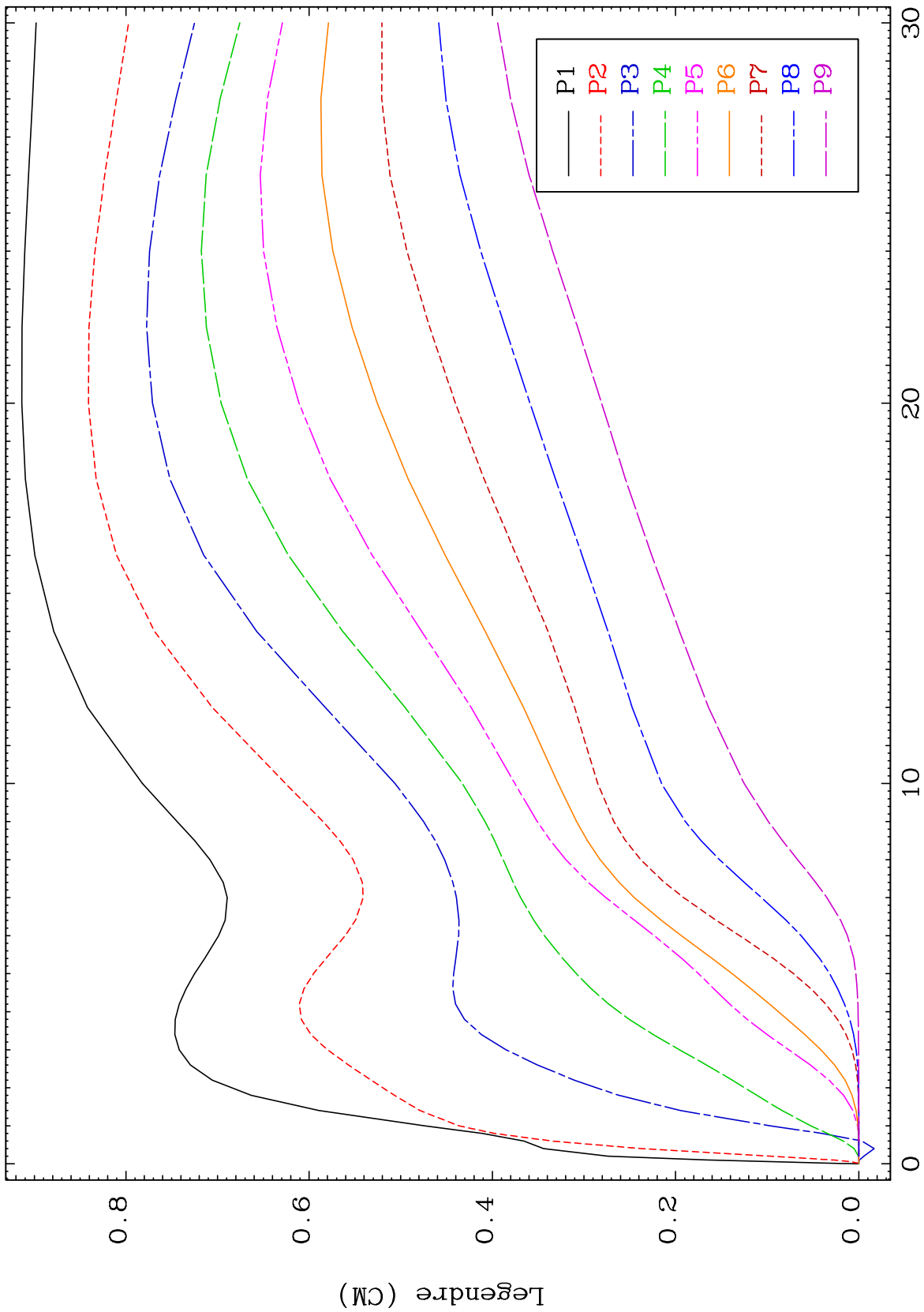
63-Eu-140



MAT 6292

Elastic Legendre Coefficients

63-Eu-140



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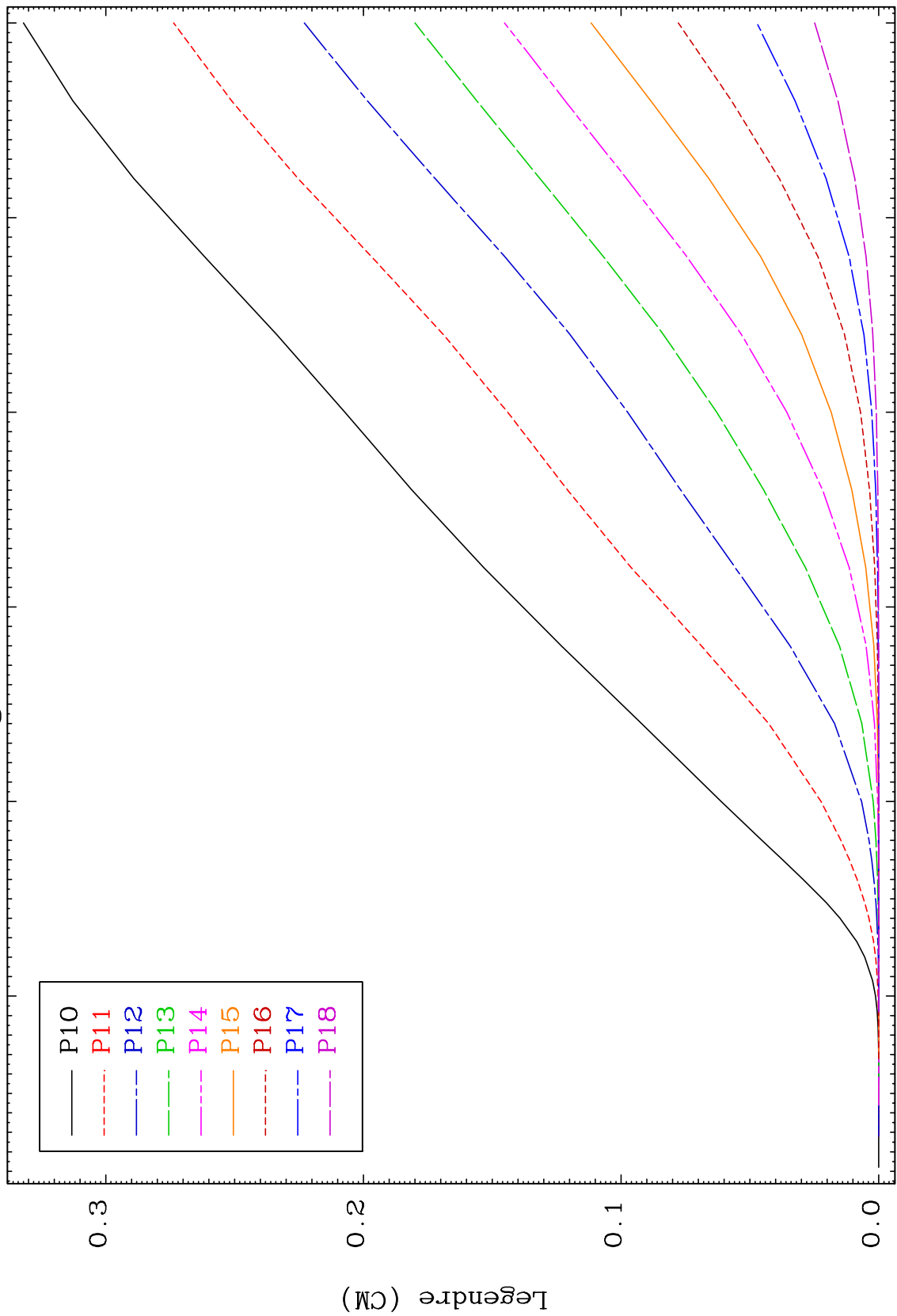
Incident Energy (MeV)

63-Eu-140

MAT 6292

Elastic Legendre Coefficients

63-Eu-140



19

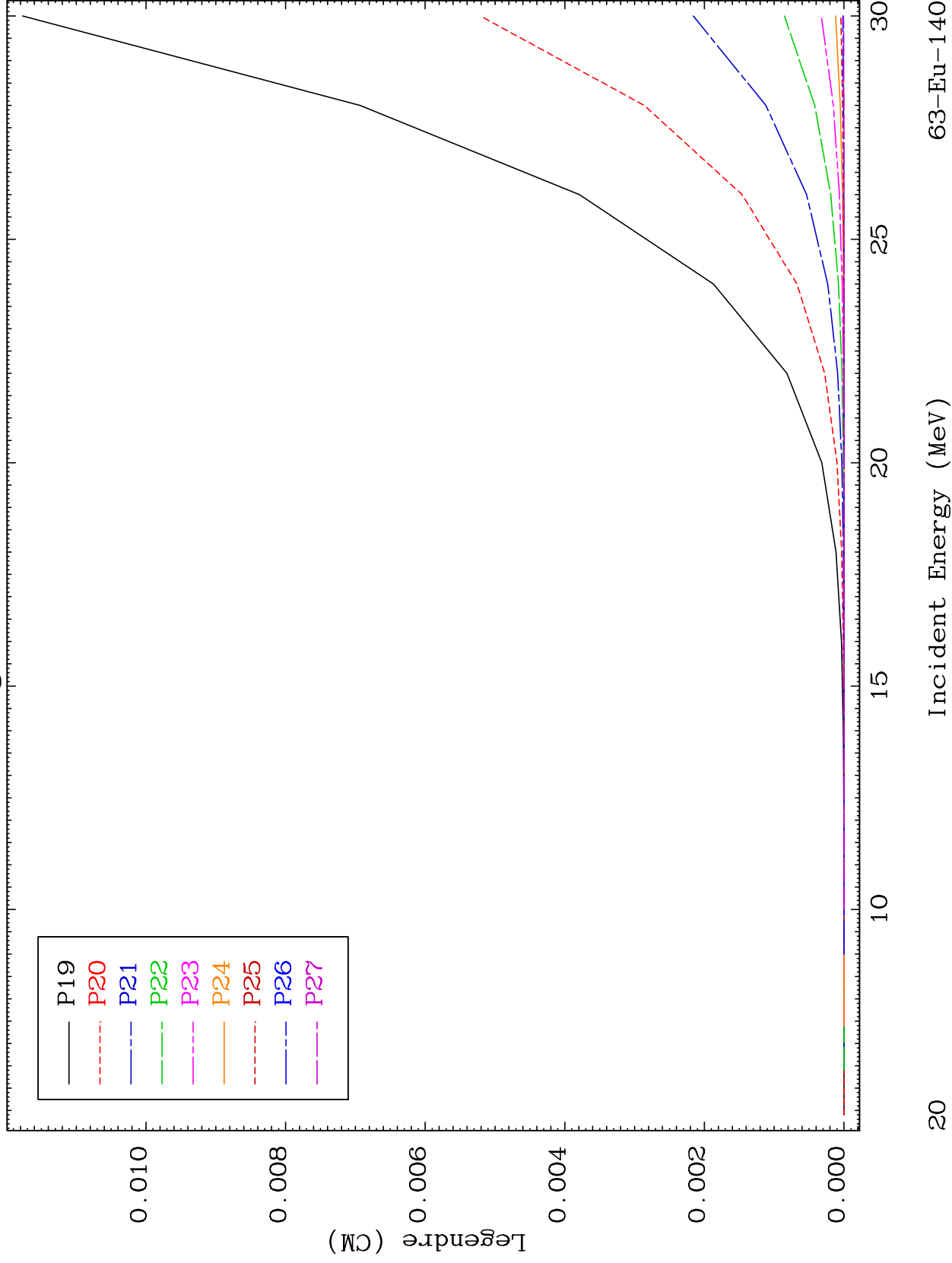
Incident Energy (MeV)

63-Eu-140

MAT 6292

### Elastic Legendre Coefficients

<sup>63</sup>-Eu-140



20

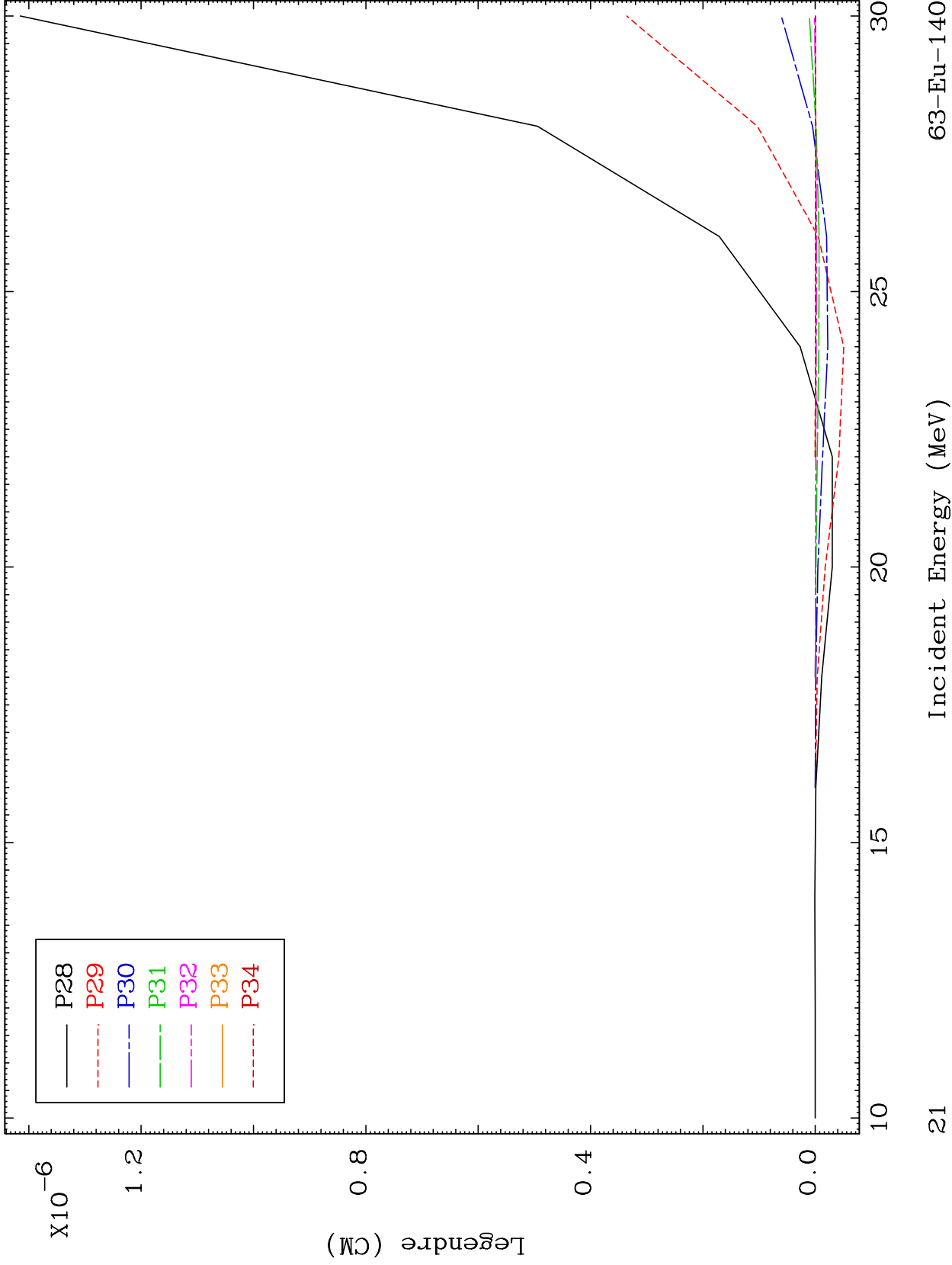
Incident Energy (MeV)

<sup>63</sup>-Eu-140

MAT 6292

Elastic Legendre Coefficients

<sup>63</sup>-Eu-140



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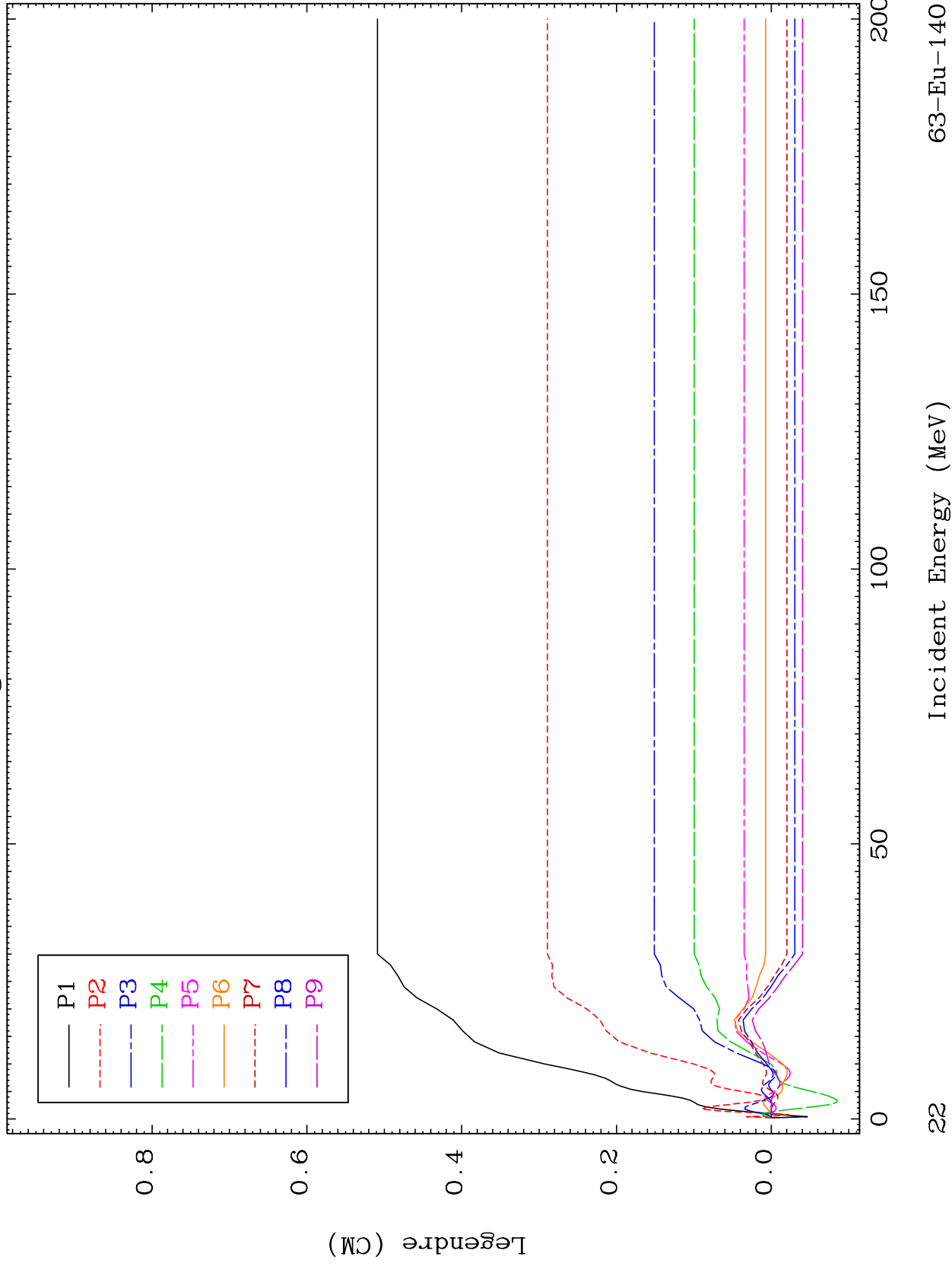
Incident Energy (MeV)

<sup>63</sup>-Eu-140

MAT 6292

MT= 51 (n,n') Level  
Legendre Coefficients

63-Eu-140



22

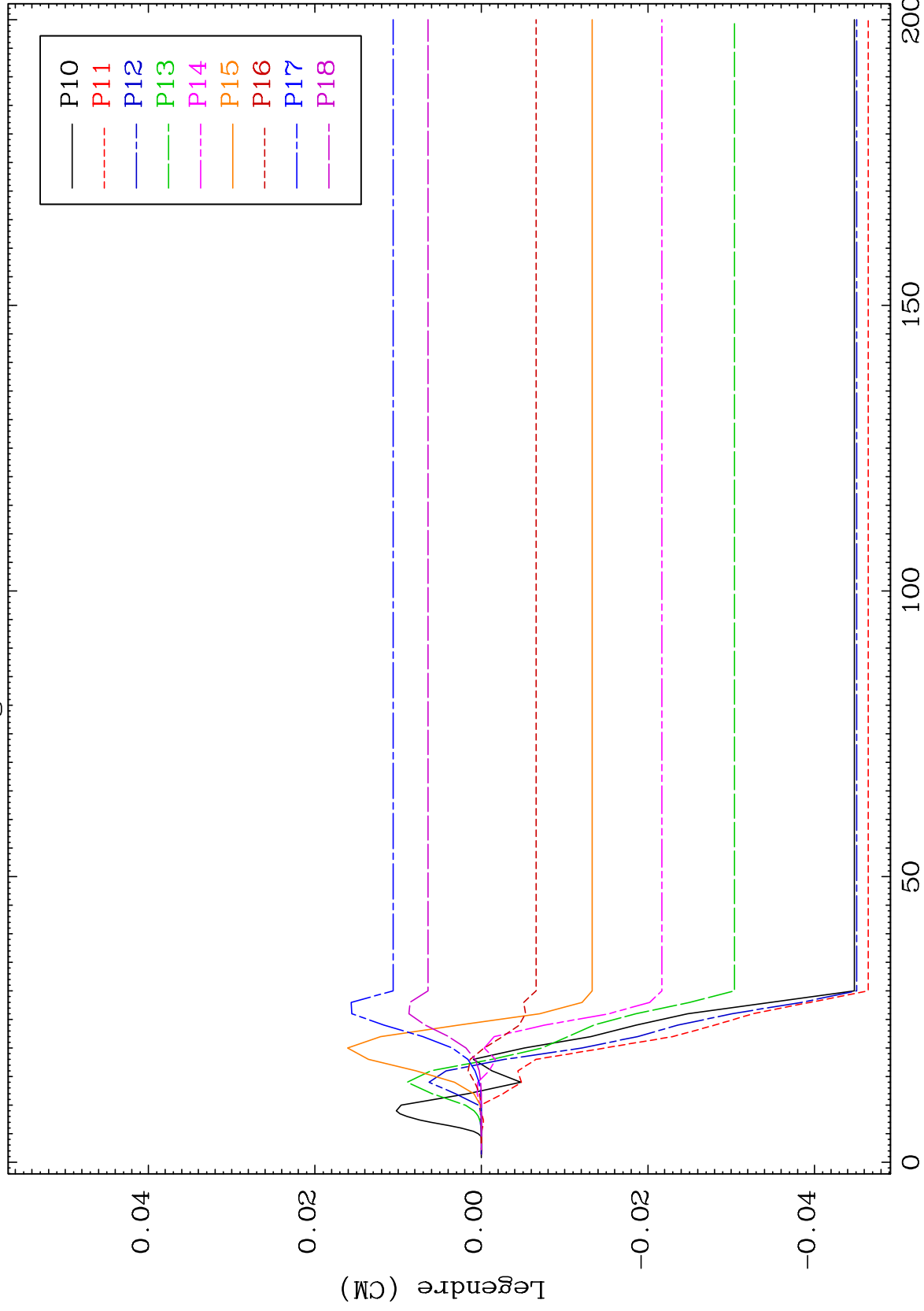
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 51 (n,n') Level  
Legendre Coefficients

63-Eu-140



23

Incident Energy (MeV)

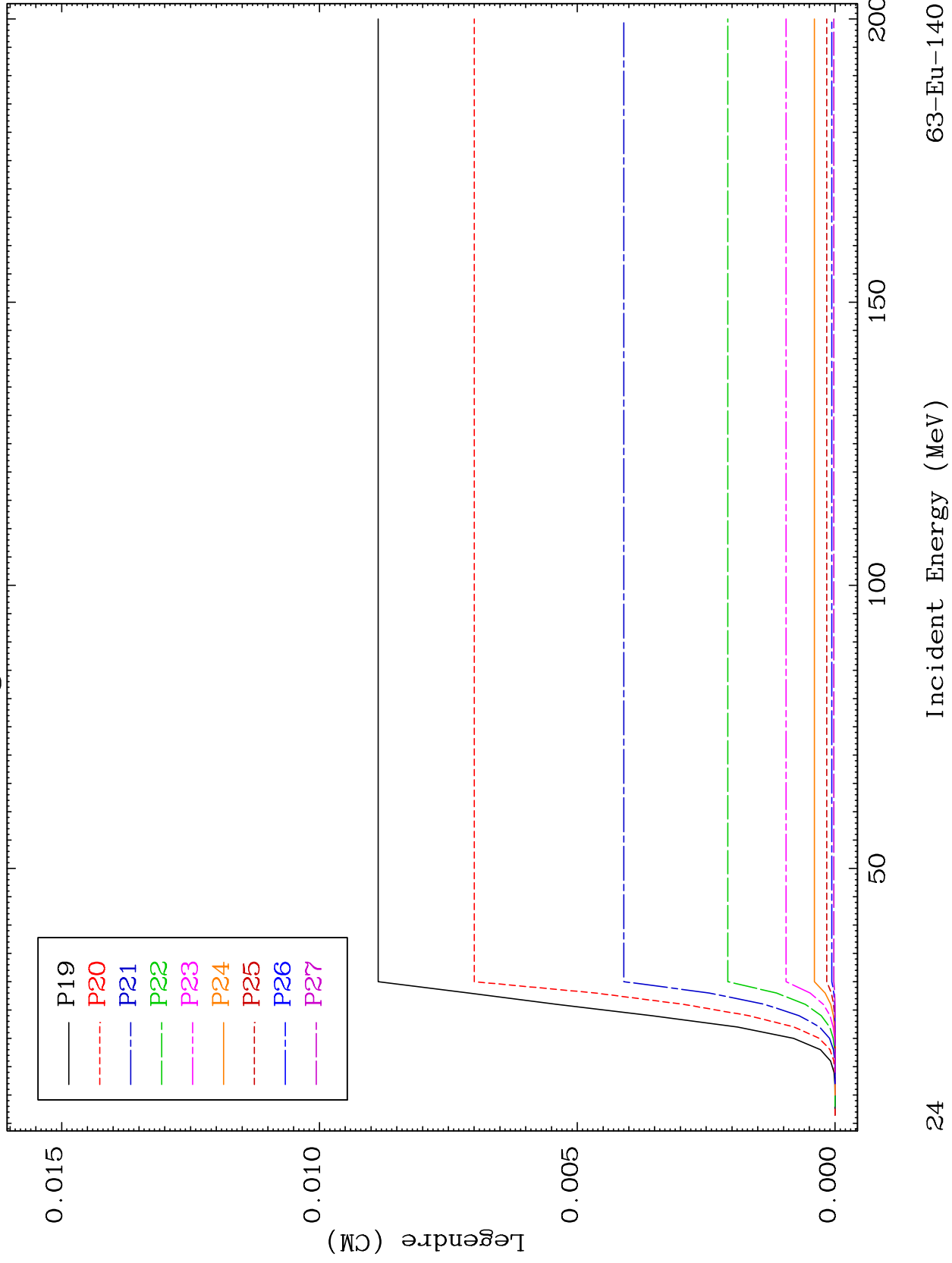
63-Eu-140



MAT 6292

MT= 51 (n,n') Level  
Legendre Coefficients

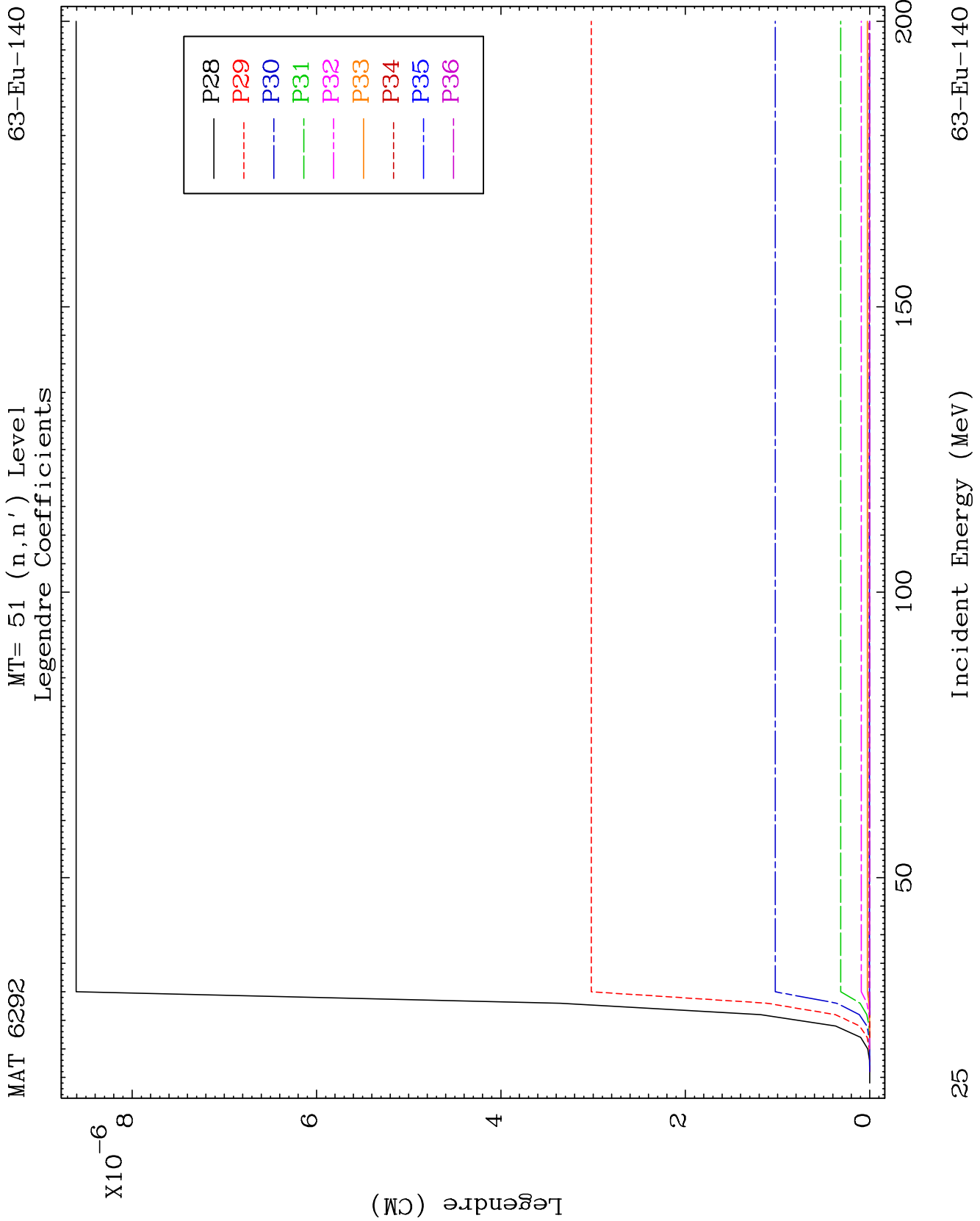
63-Eu-140



24

Incident Energy (MeV)

63-Eu-140

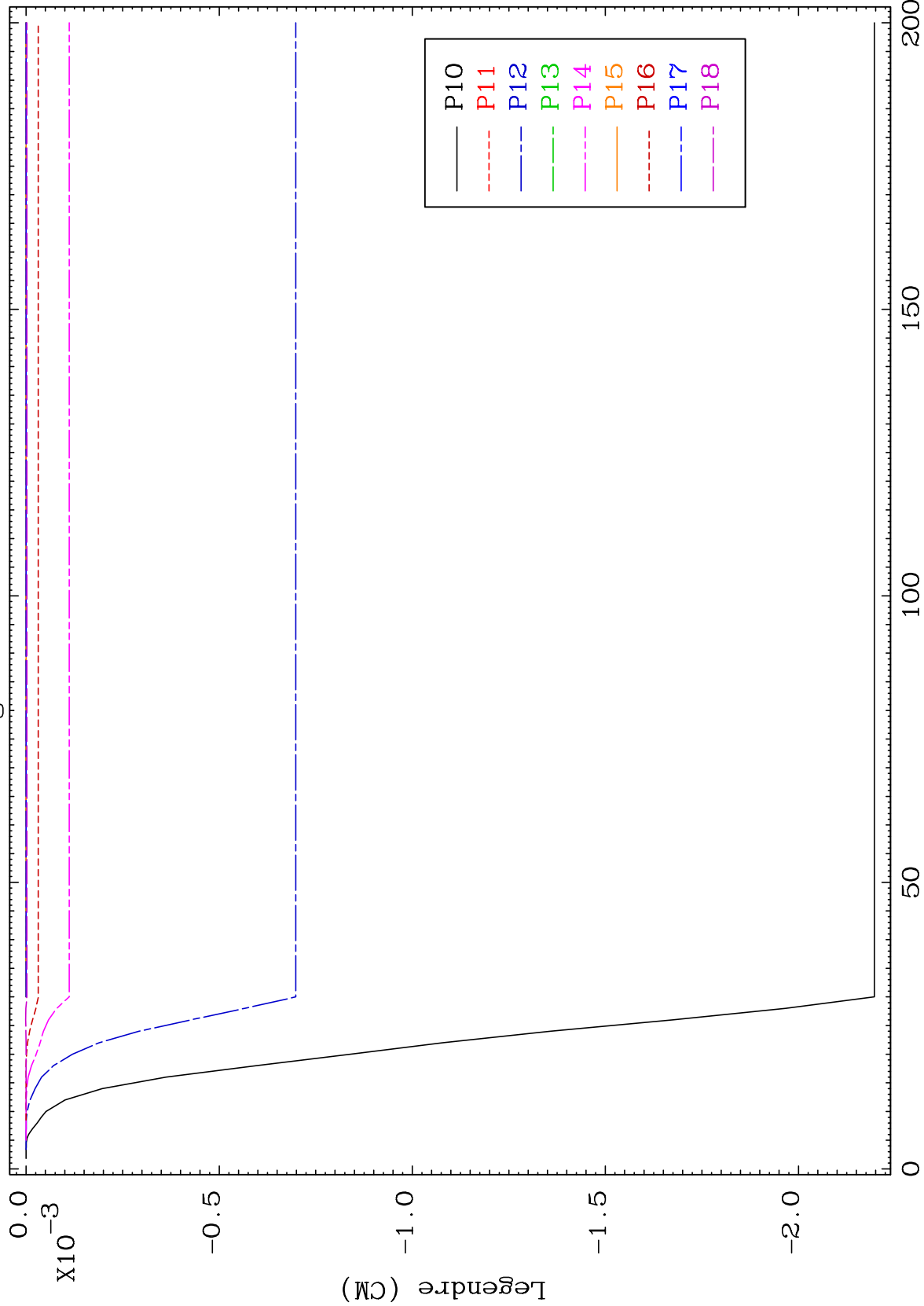




MAT 6292

MT= 52 (n,n') Level  
Legendre Coefficients

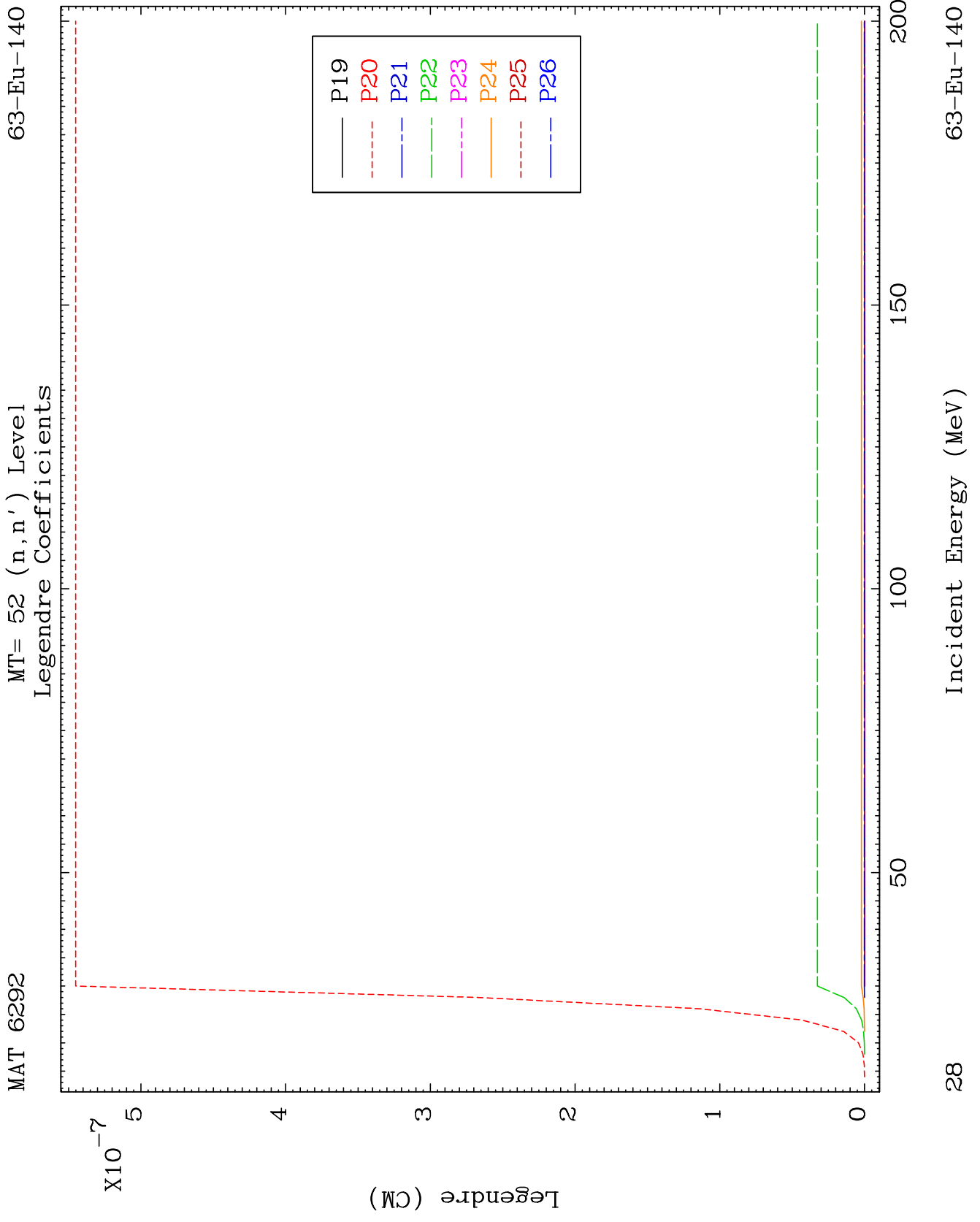
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Incident Energy (MeV)

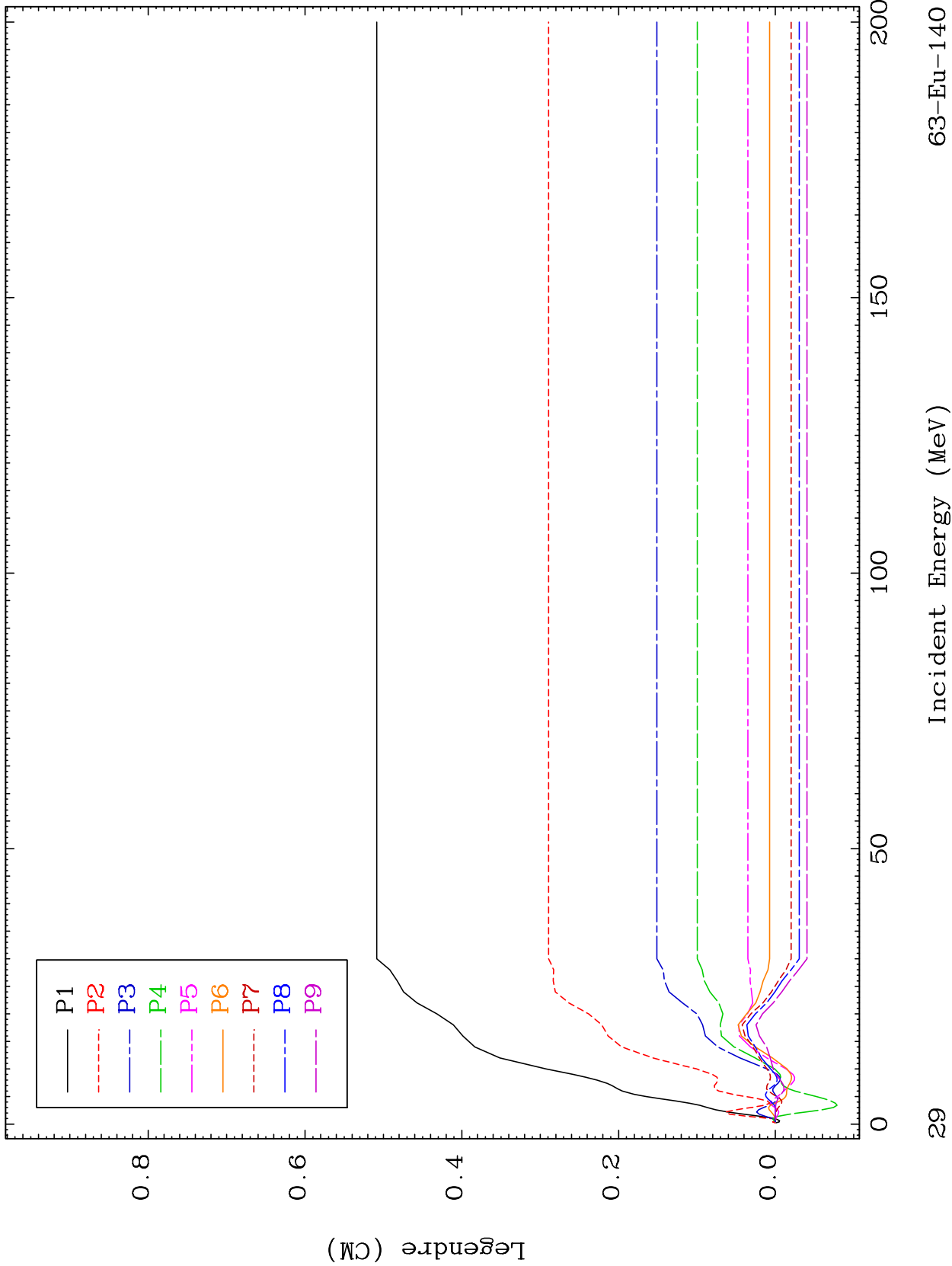
63-Eu-140



MAT 6292

MT= 53 (n,n') Level  
Legendre Coefficients

63-Eu-140



29

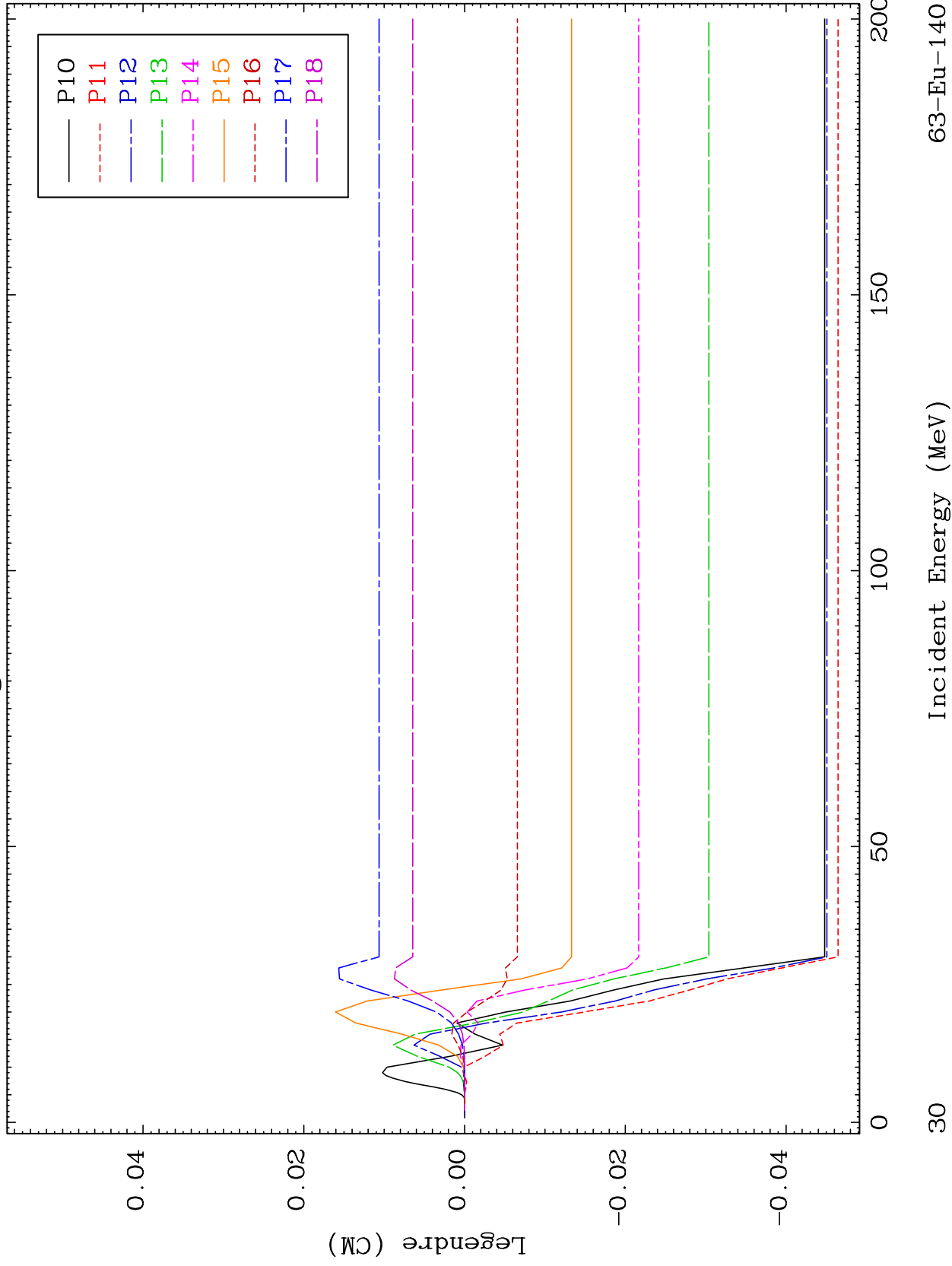
Incident Energy (MeV)

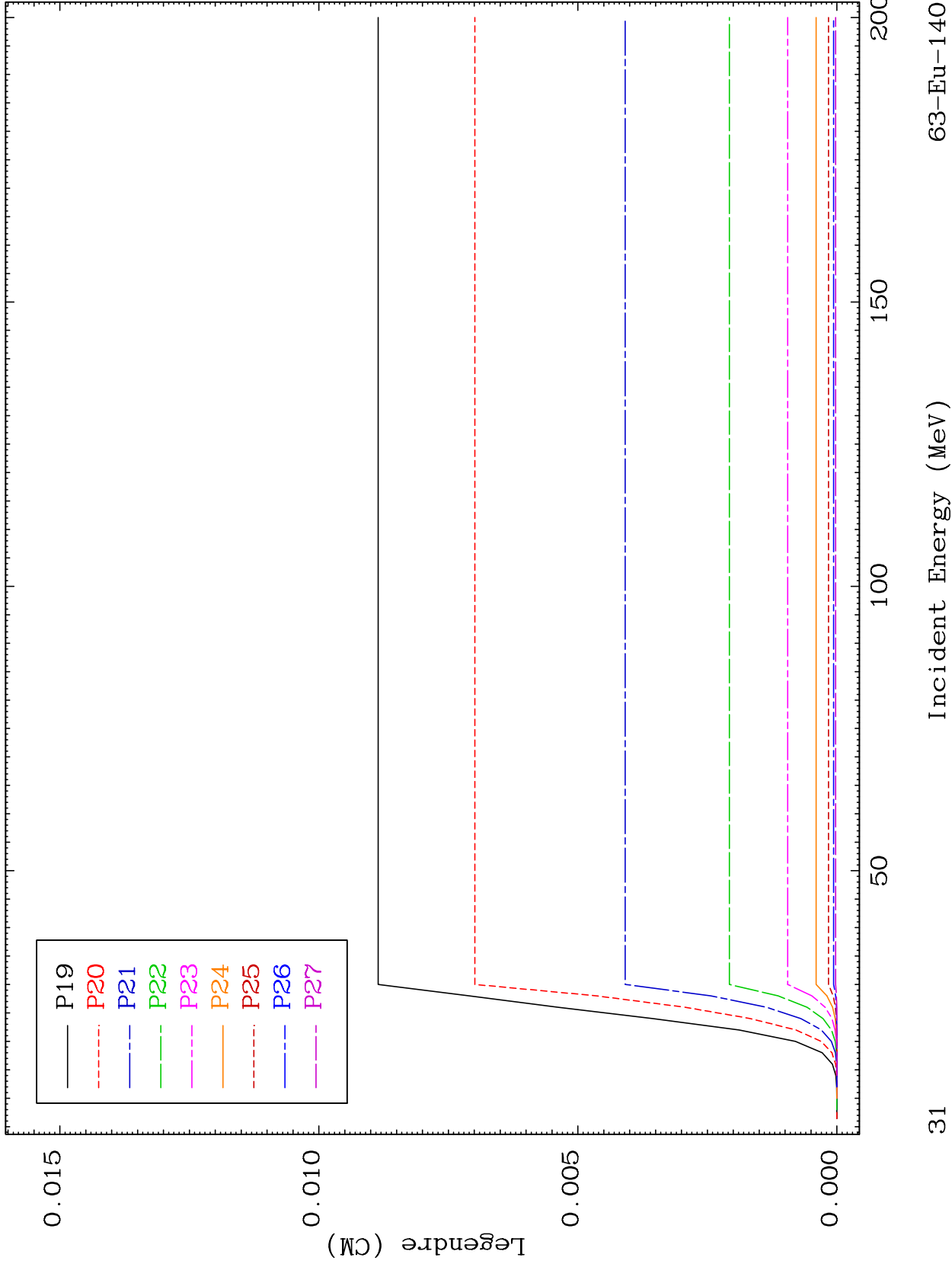
63-Eu-140

MAT 6292

MT= 53 (n,n') Level  
Legendre Coefficients

63-Eu-140



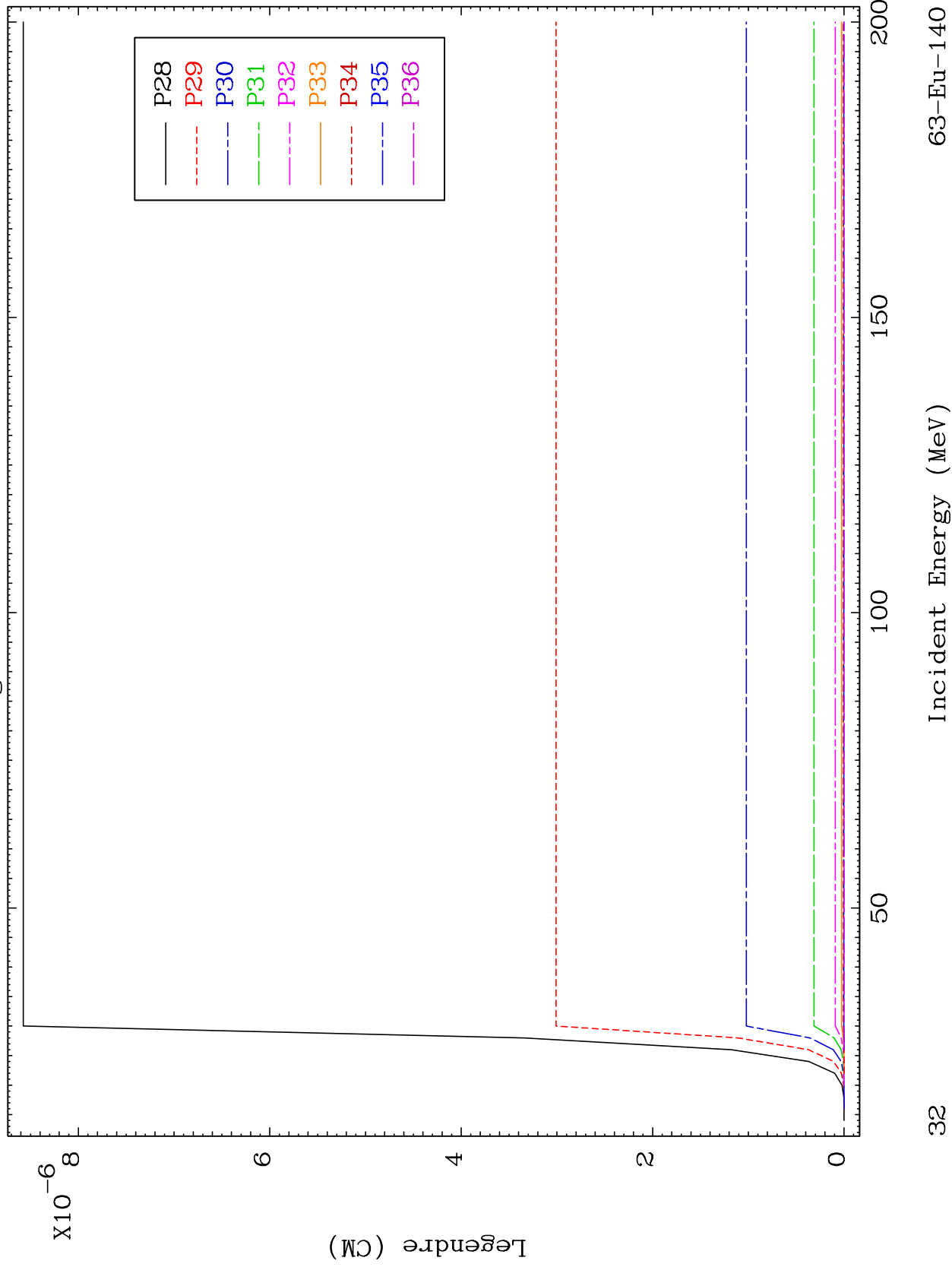




MAT 6292

MT= 53 (n,n') Level  
Legendre Coefficients

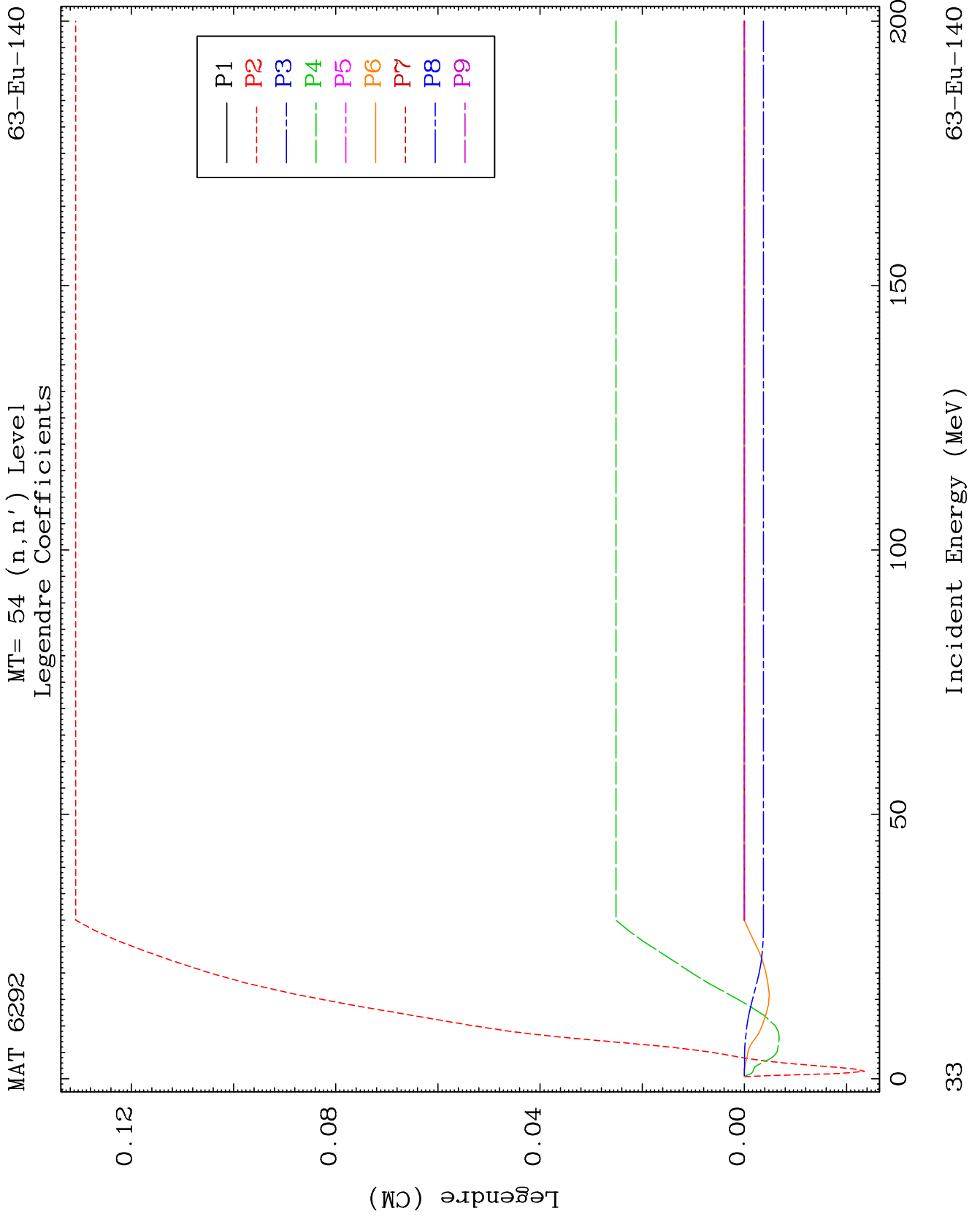
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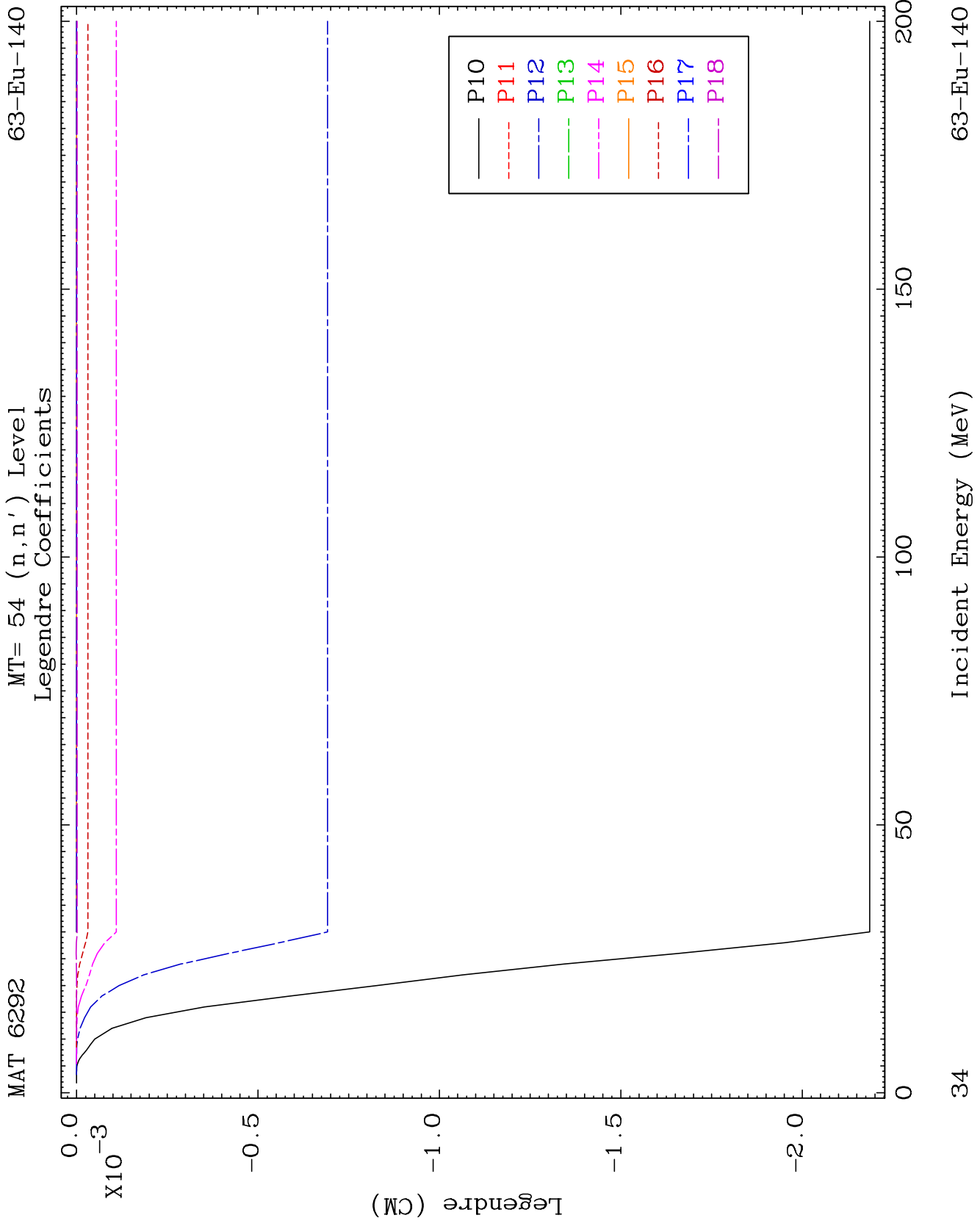


32

Incident Energy (MeV)

63-Eu-140



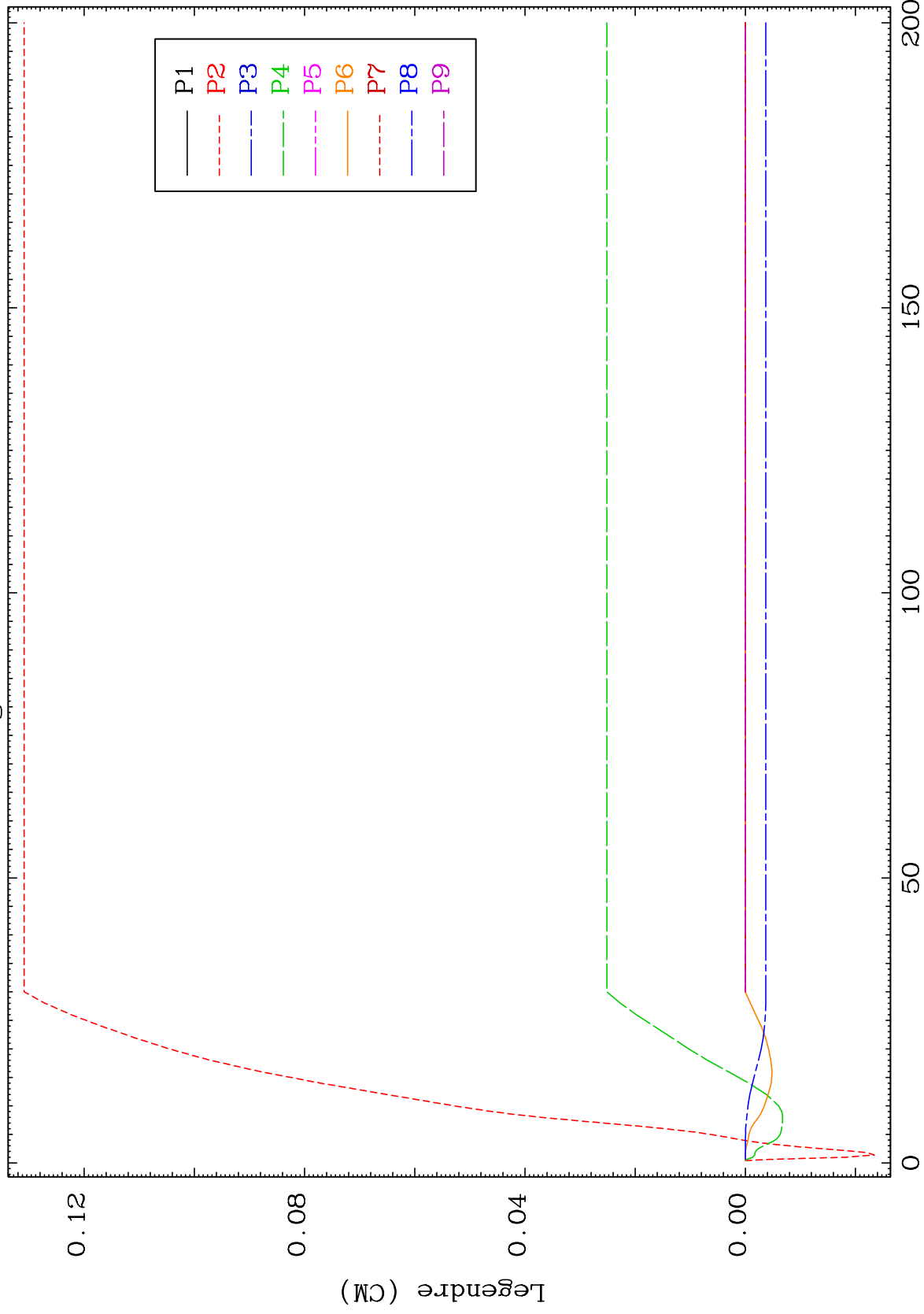




MAT 6292

MT= 55 (n,n') Level  
Legendre Coefficients

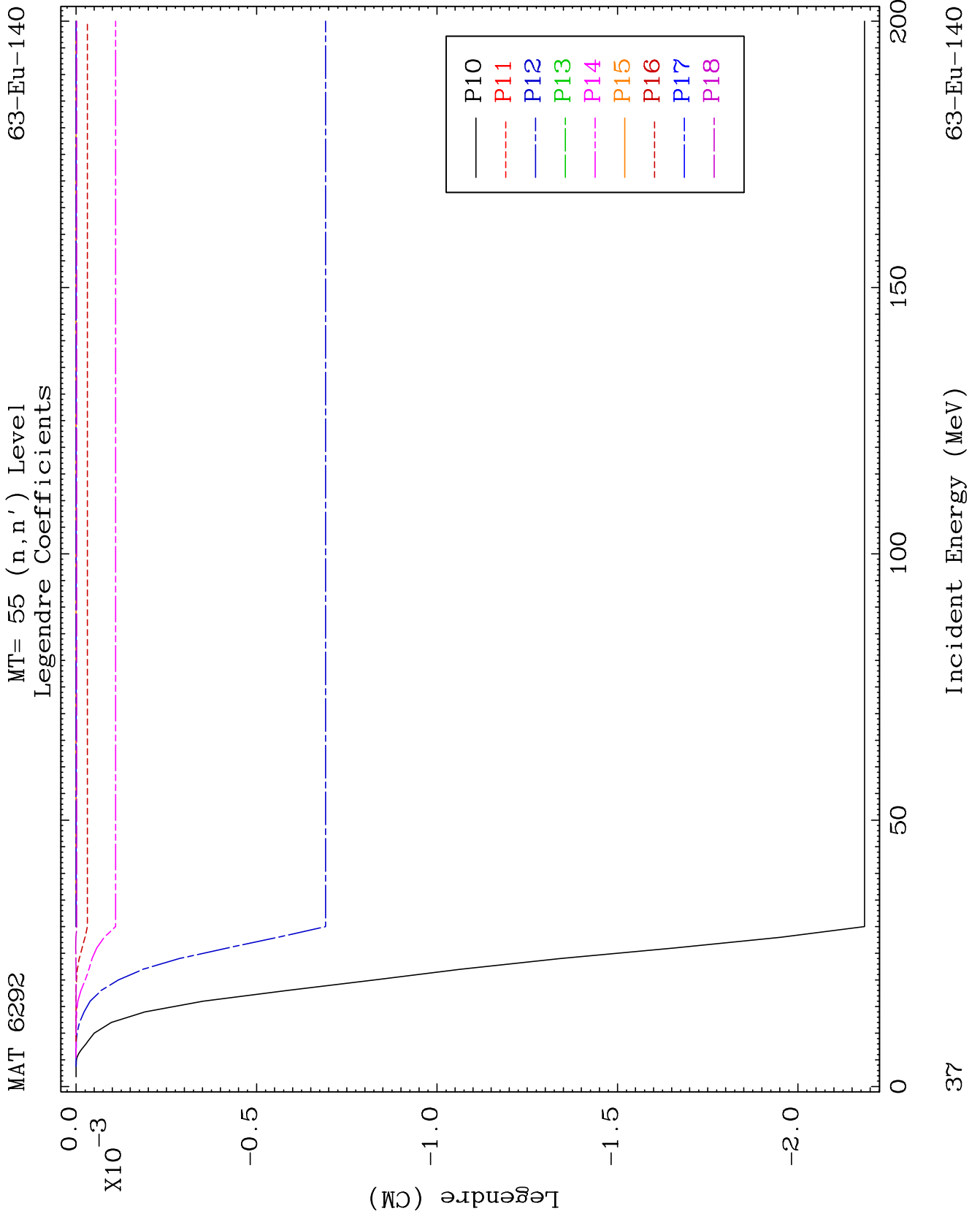
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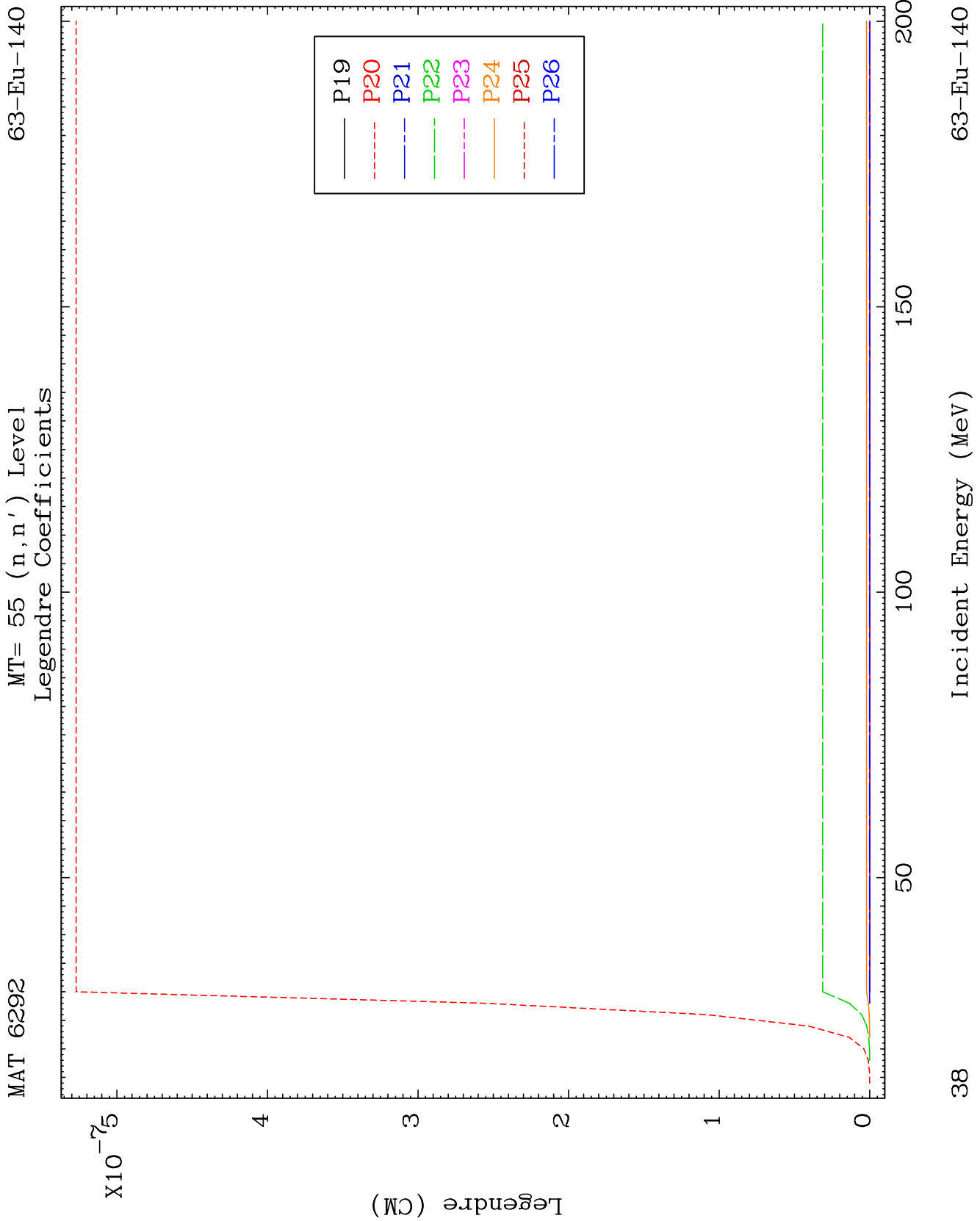


36

Incident Energy (MeV)

63-Eu-140





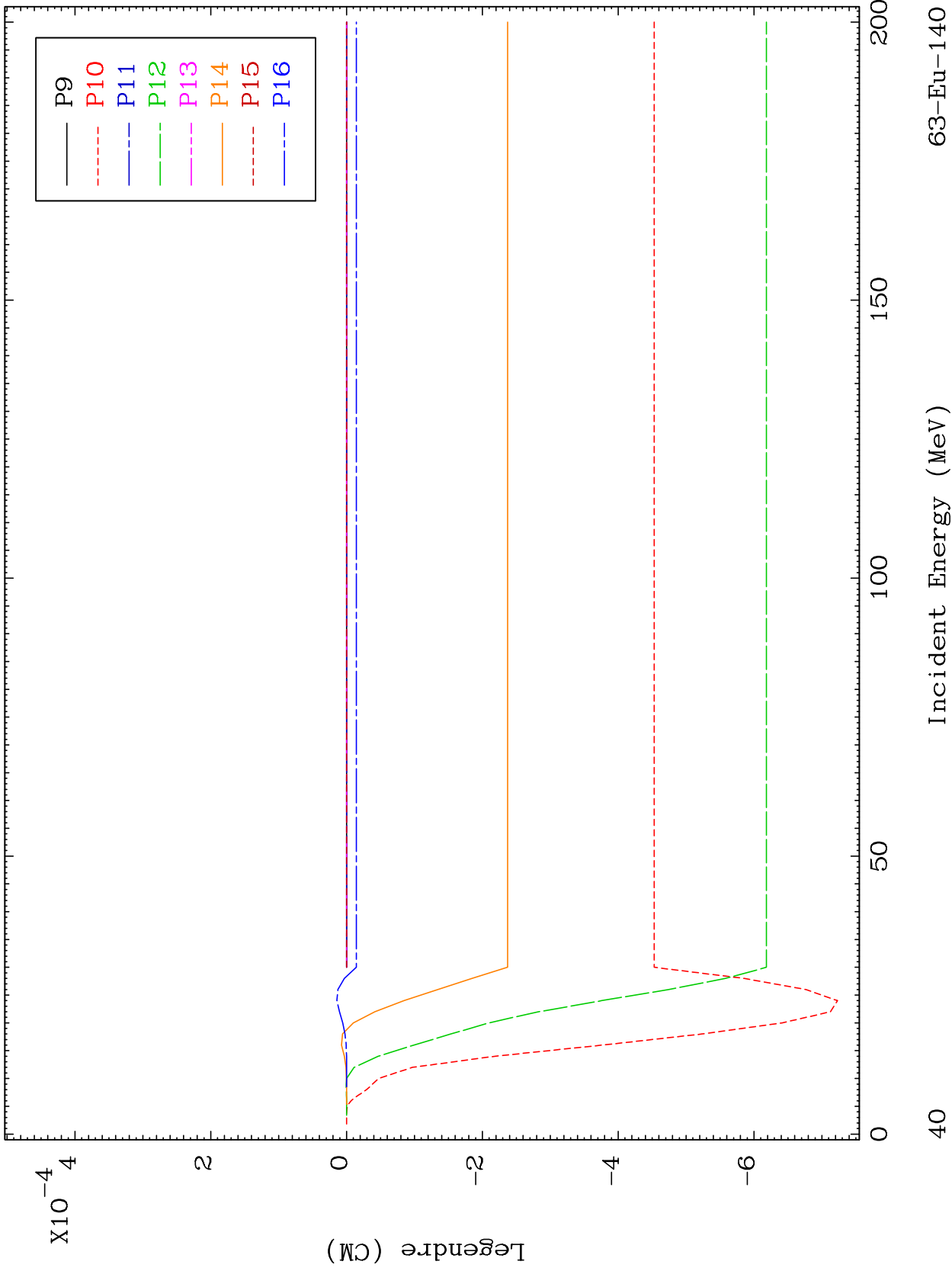


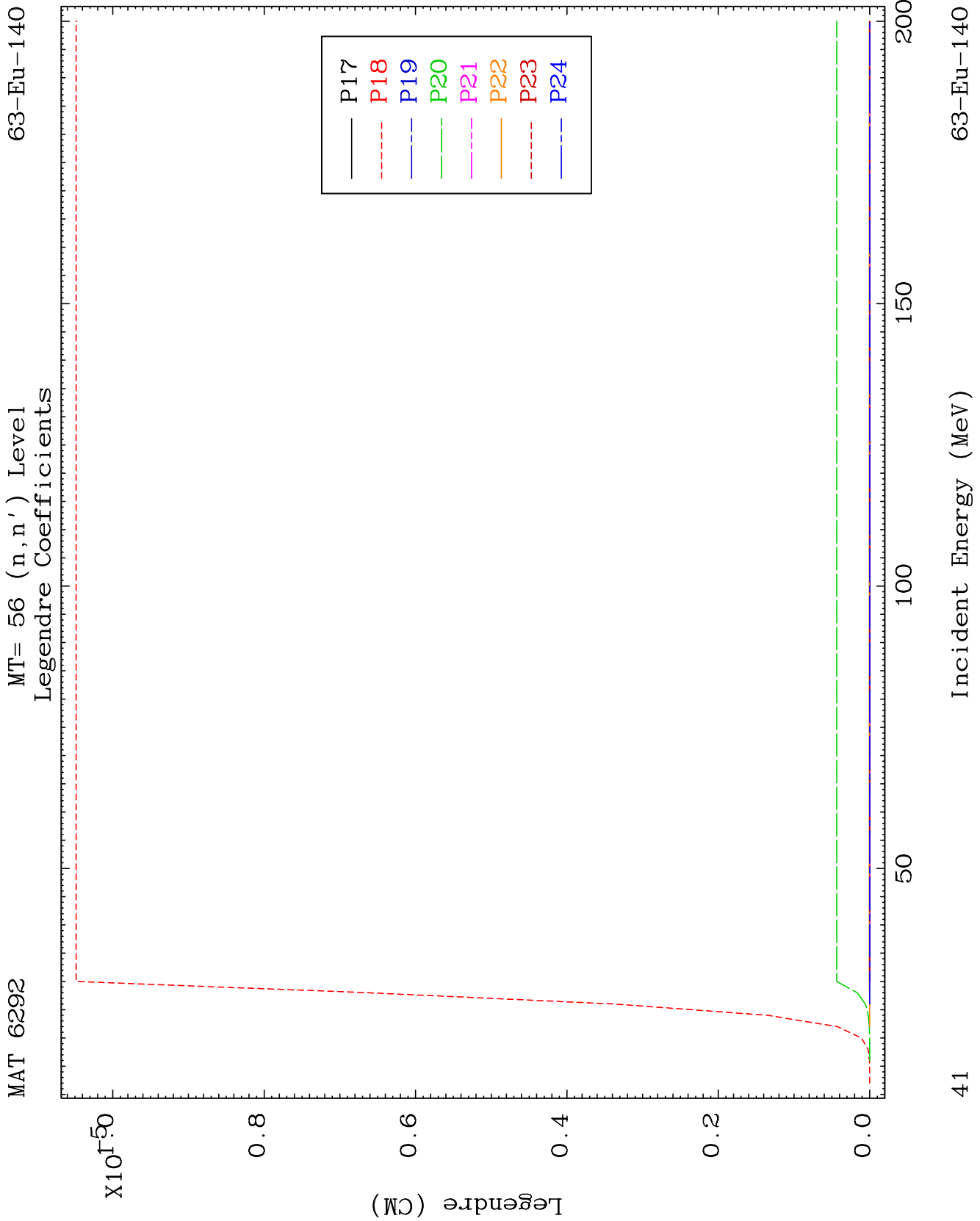


MAT 6292

MT= 56 (n,n') Level  
Legendre Coefficients

63-Eu-140

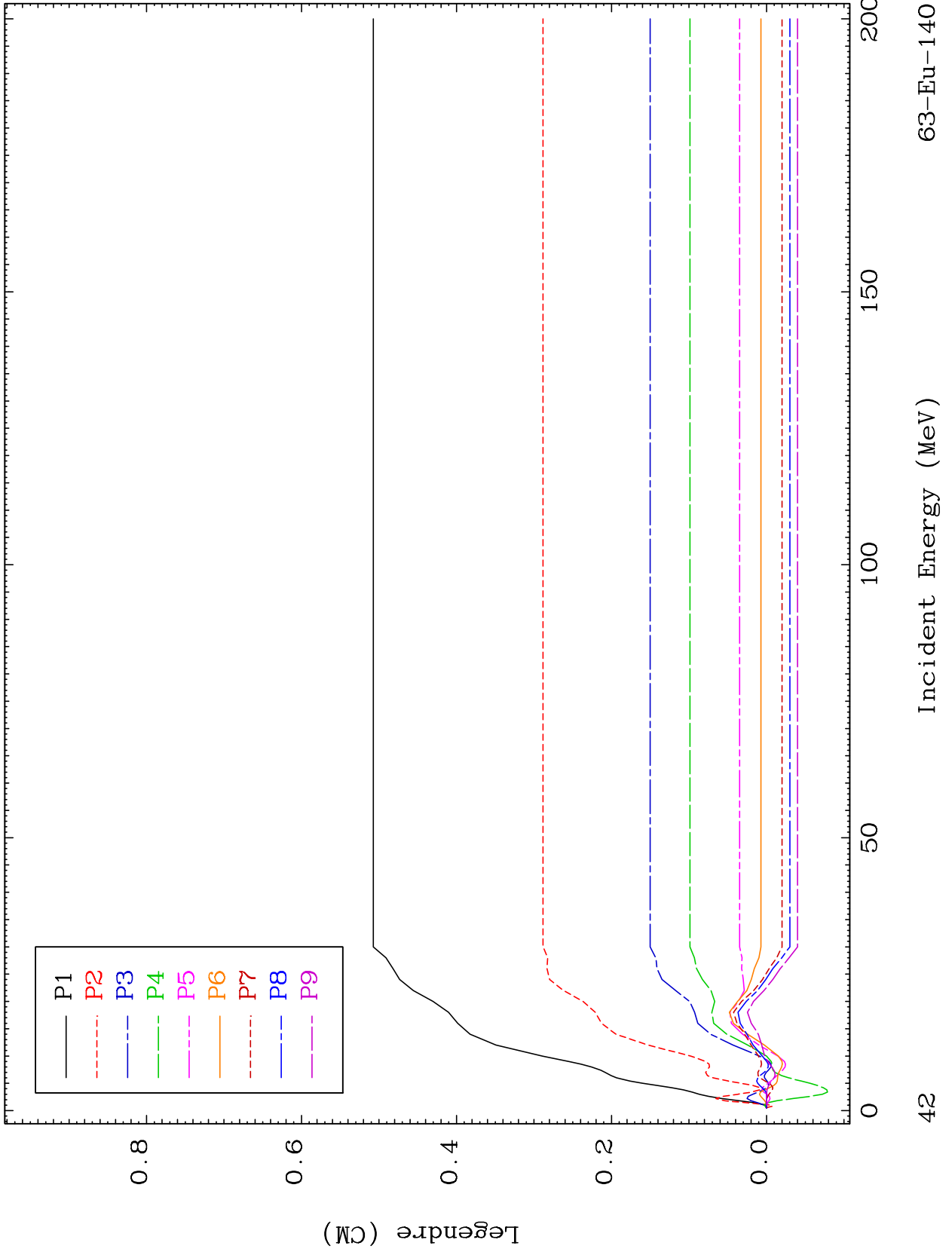




MAT 6292

MT= 57 (n,n') Level  
Legendre Coefficients

63-Eu-140



42

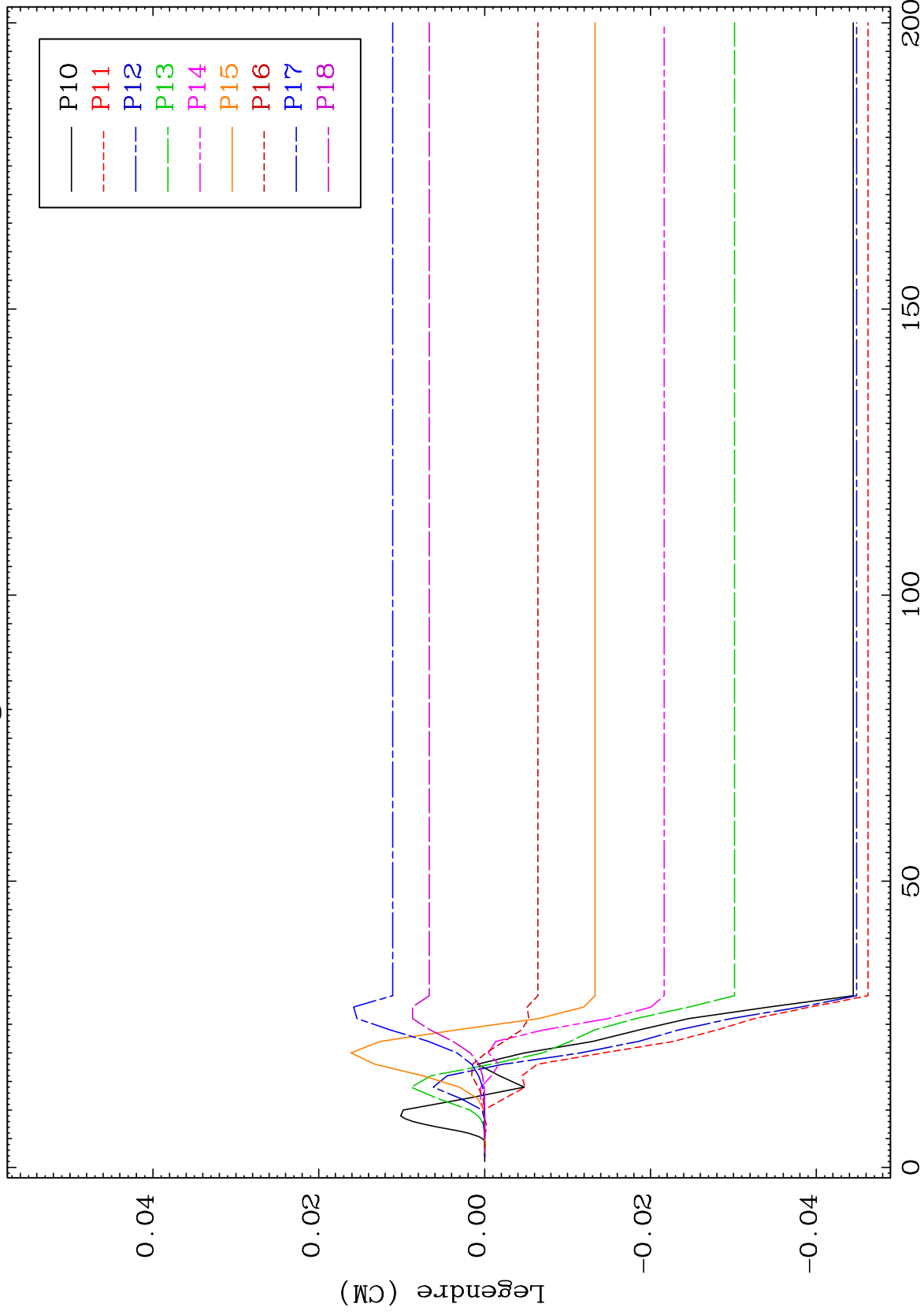
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 57 (n,n') Level  
Legendre Coefficients

63-Eu-140



43

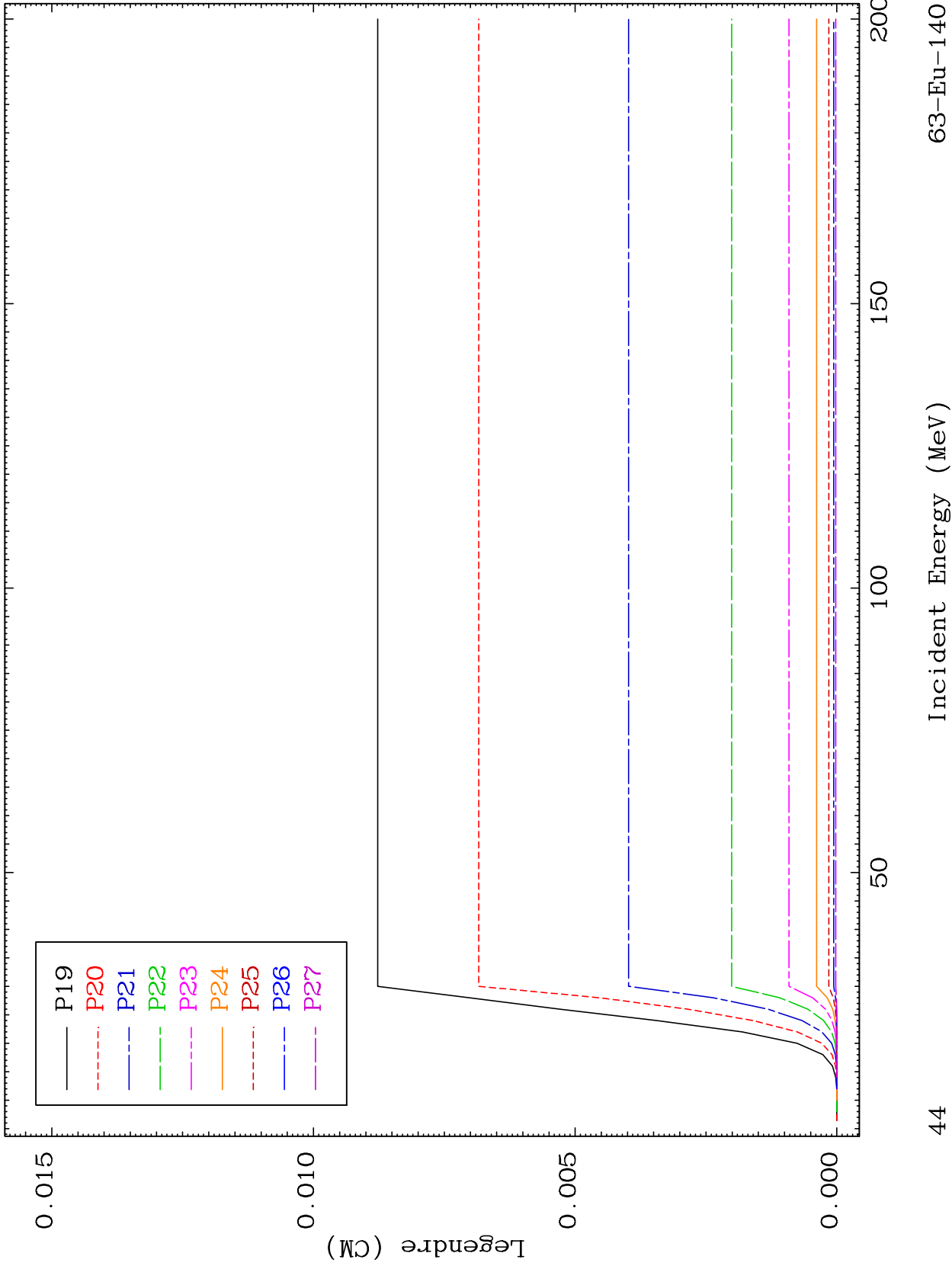
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 57 (n,n') Level  
Legendre Coefficients

63-Eu-140



44

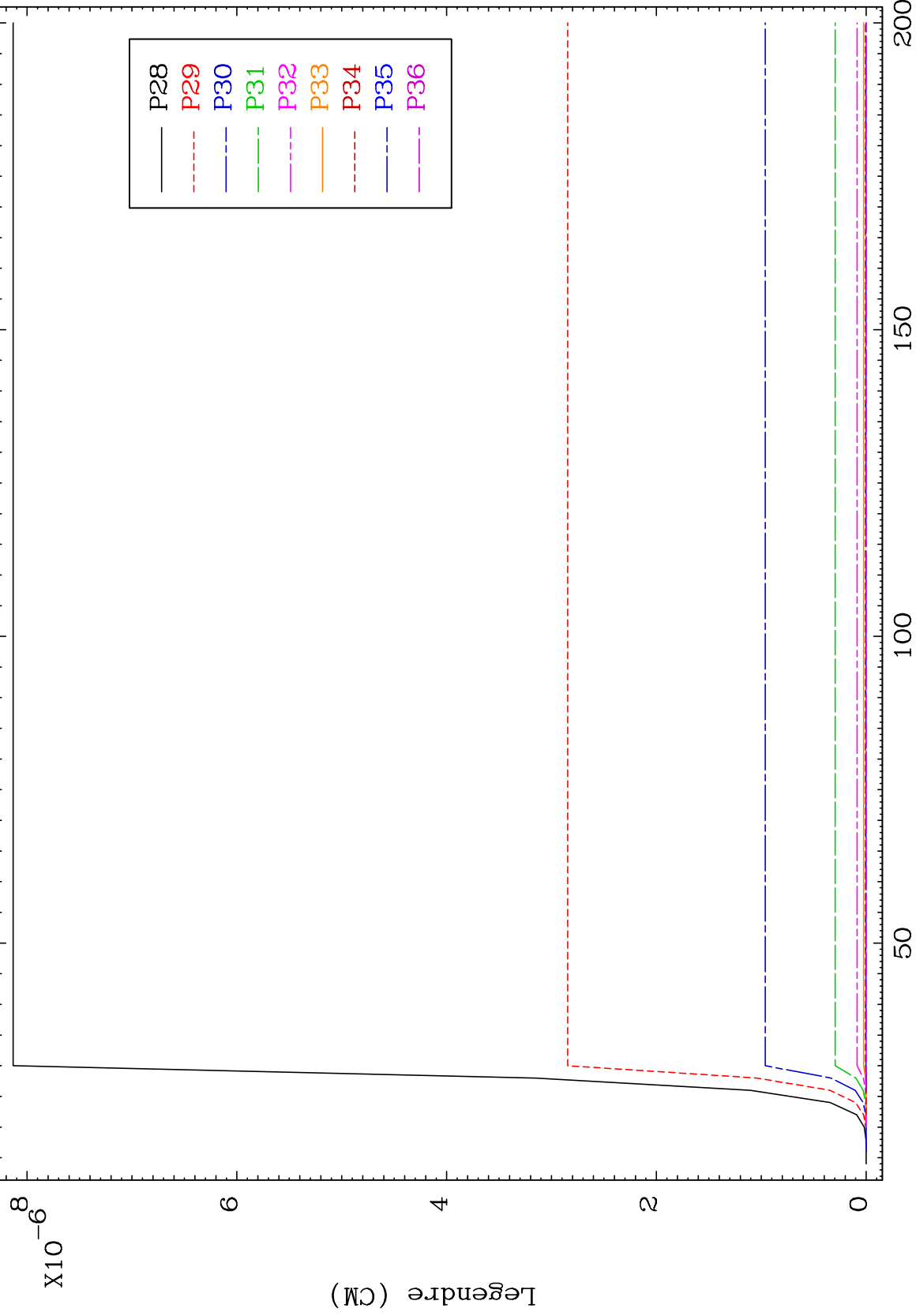
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 57 (n,n') Level  
Legendre Coefficients

63-Eu-140



45

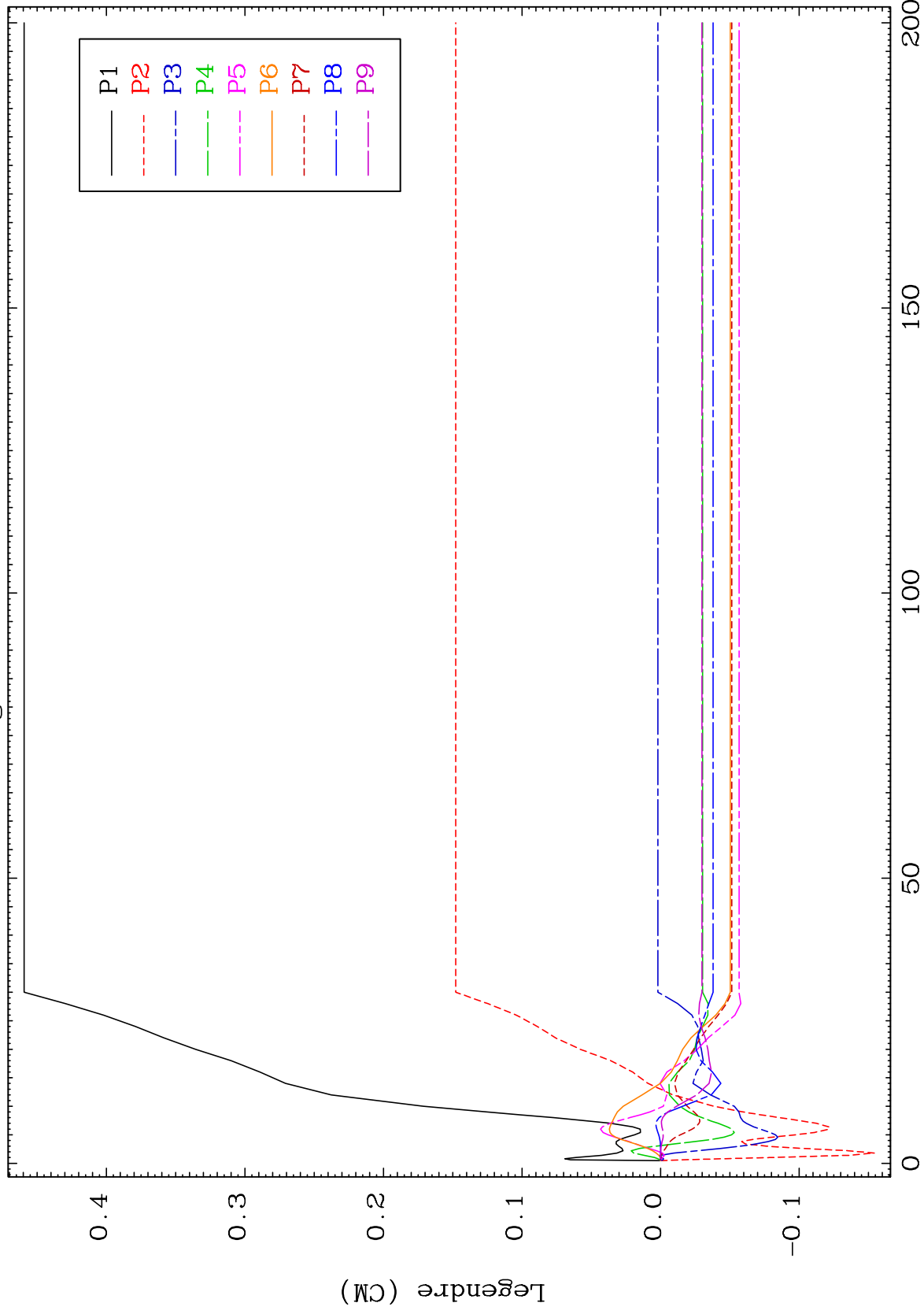
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 58 (n,n') Level  
Legendre Coefficients

63-Eu-140



46

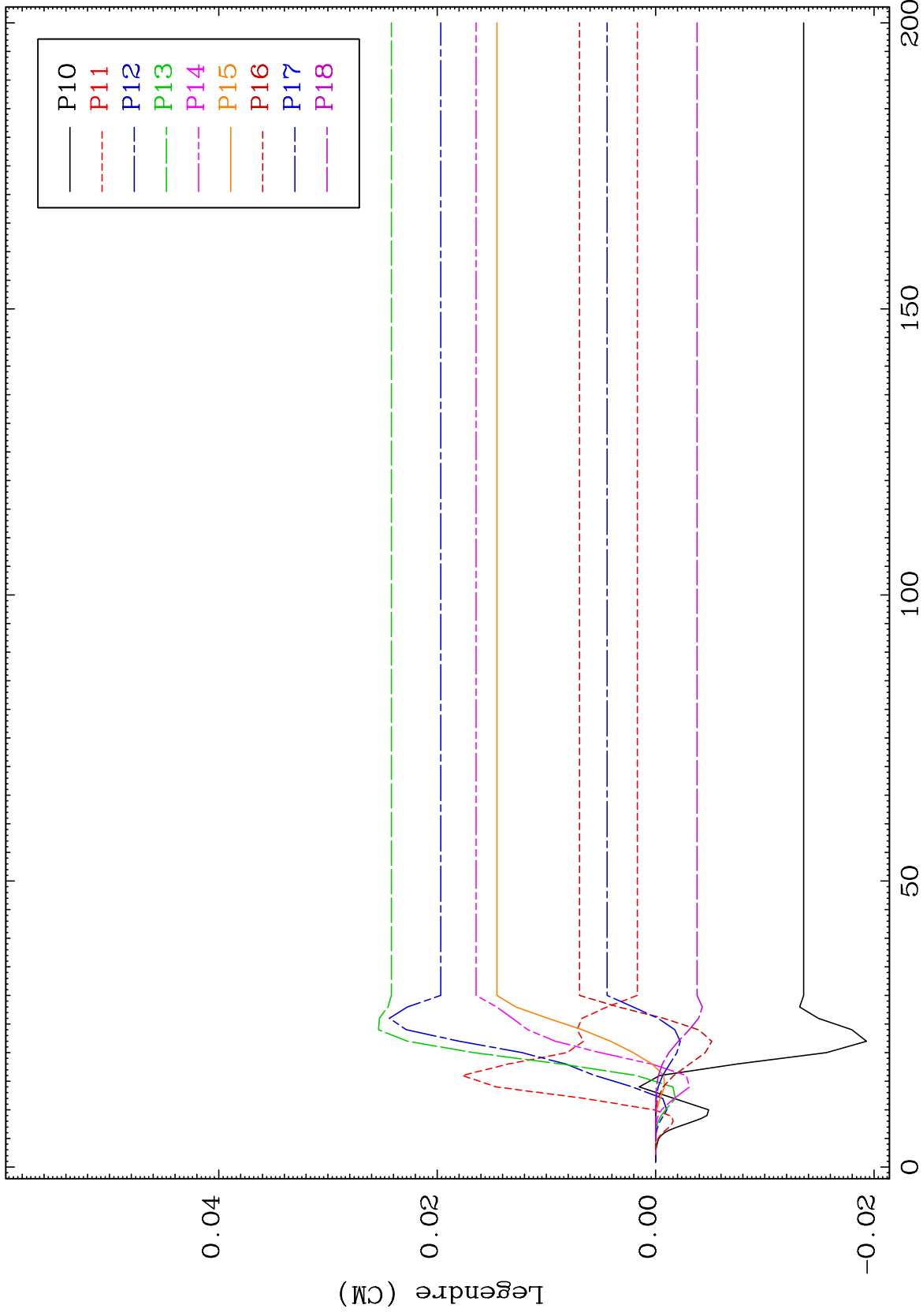
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 58 (n,n') Level  
Legendre Coefficients

63-Eu-140



47

Incident Energy (MeV)

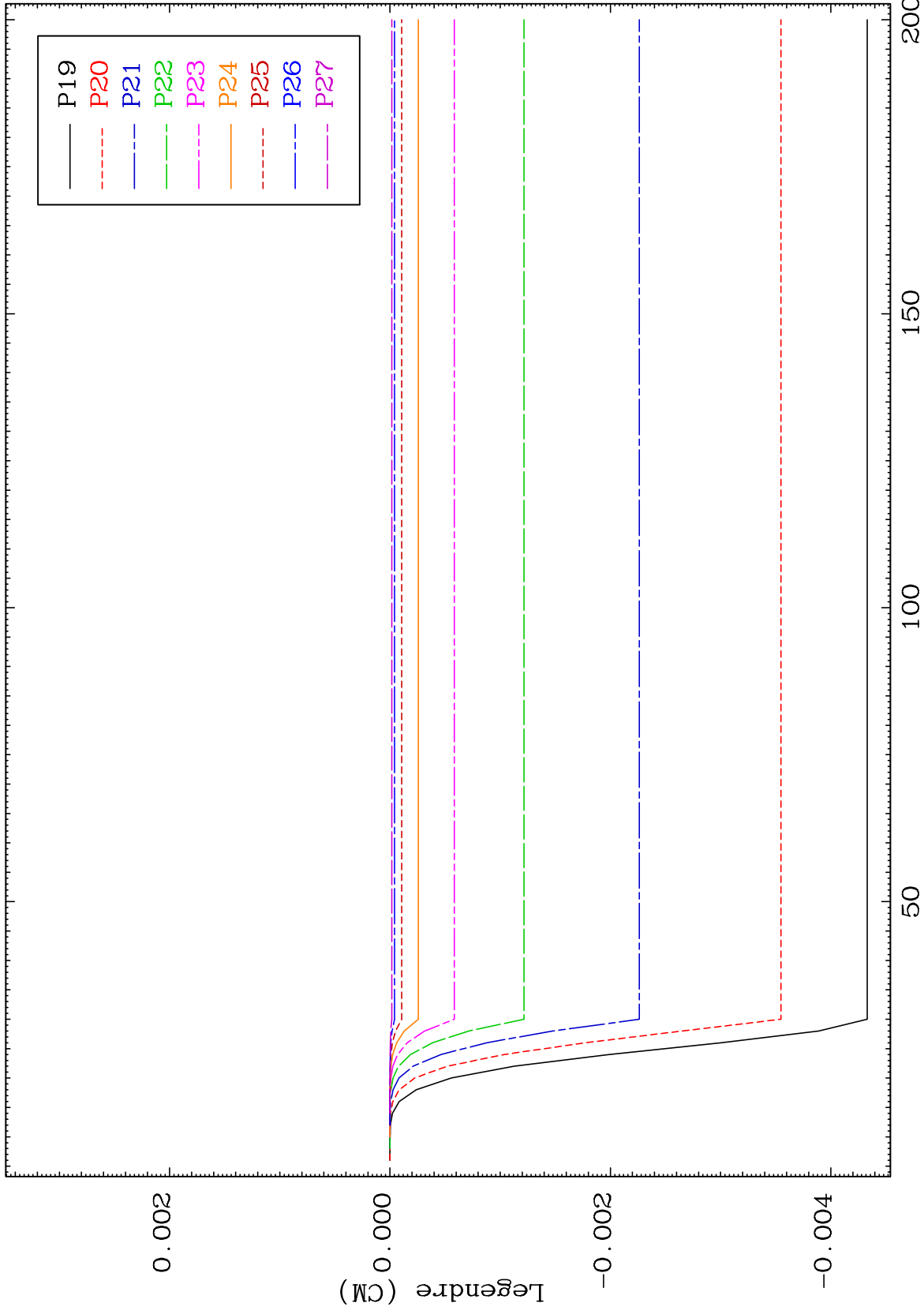
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MAT 6292

MT= 58 (n,n') Level  
Legendre Coefficients

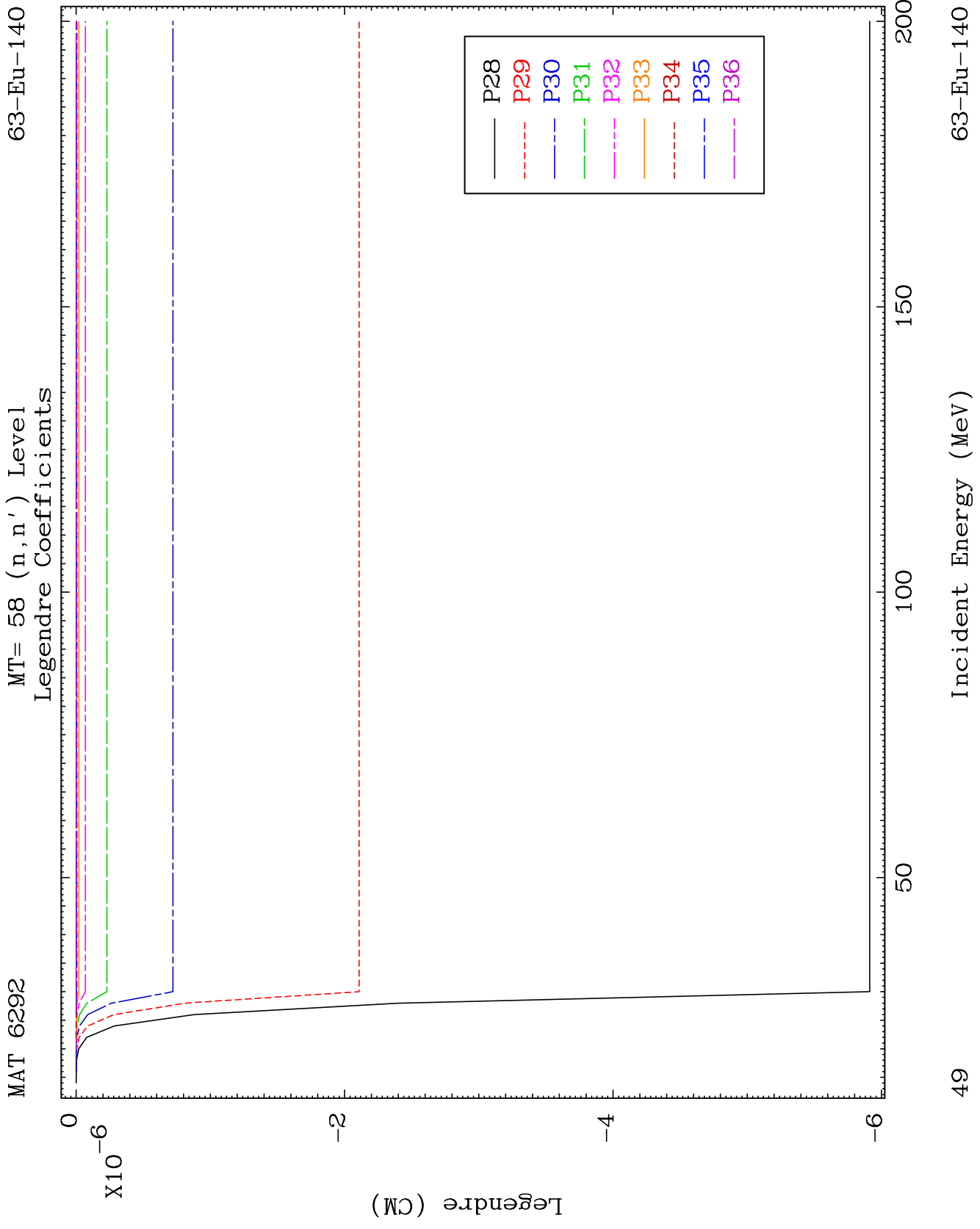
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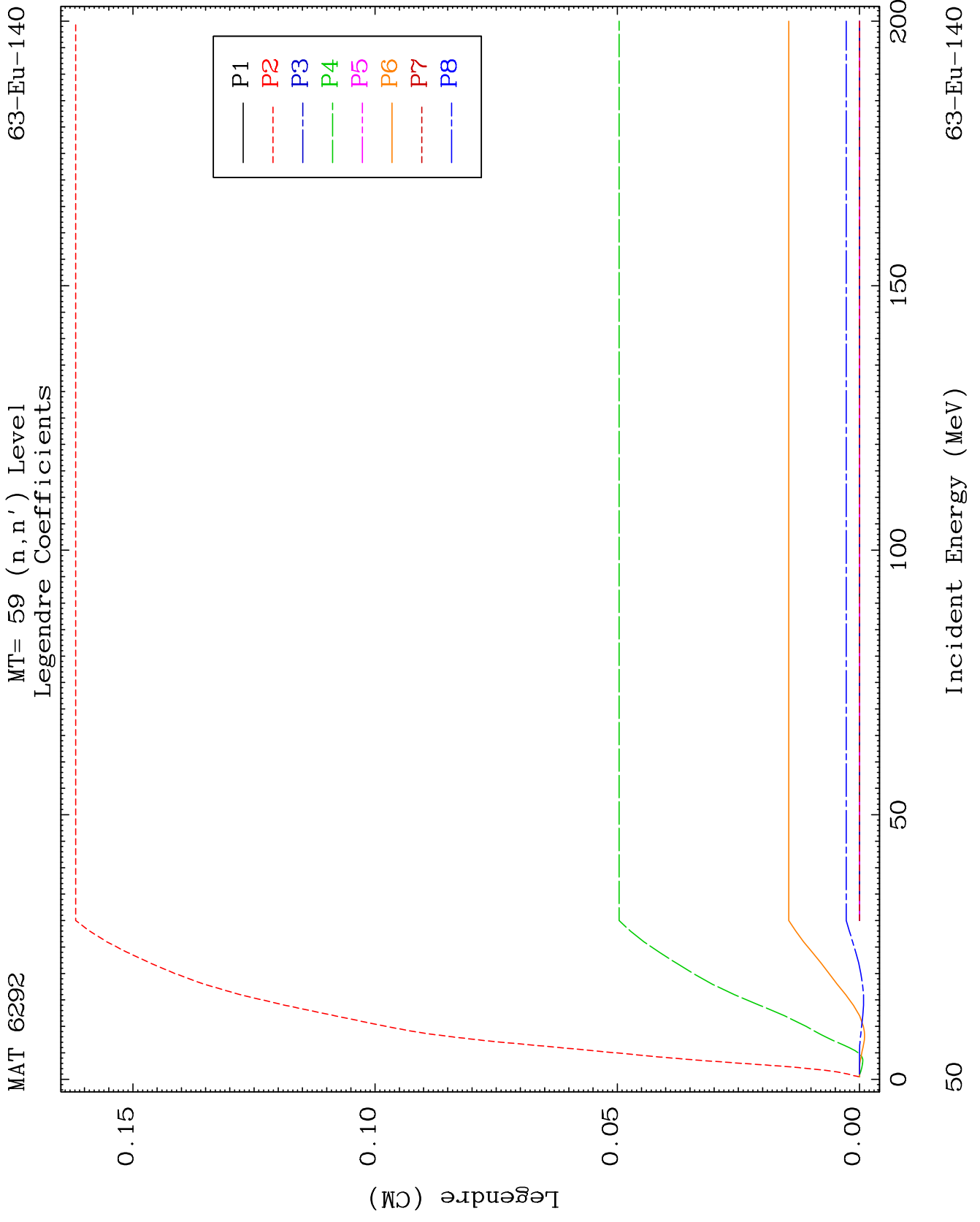


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Incident Energy (MeV)

63-Eu-140

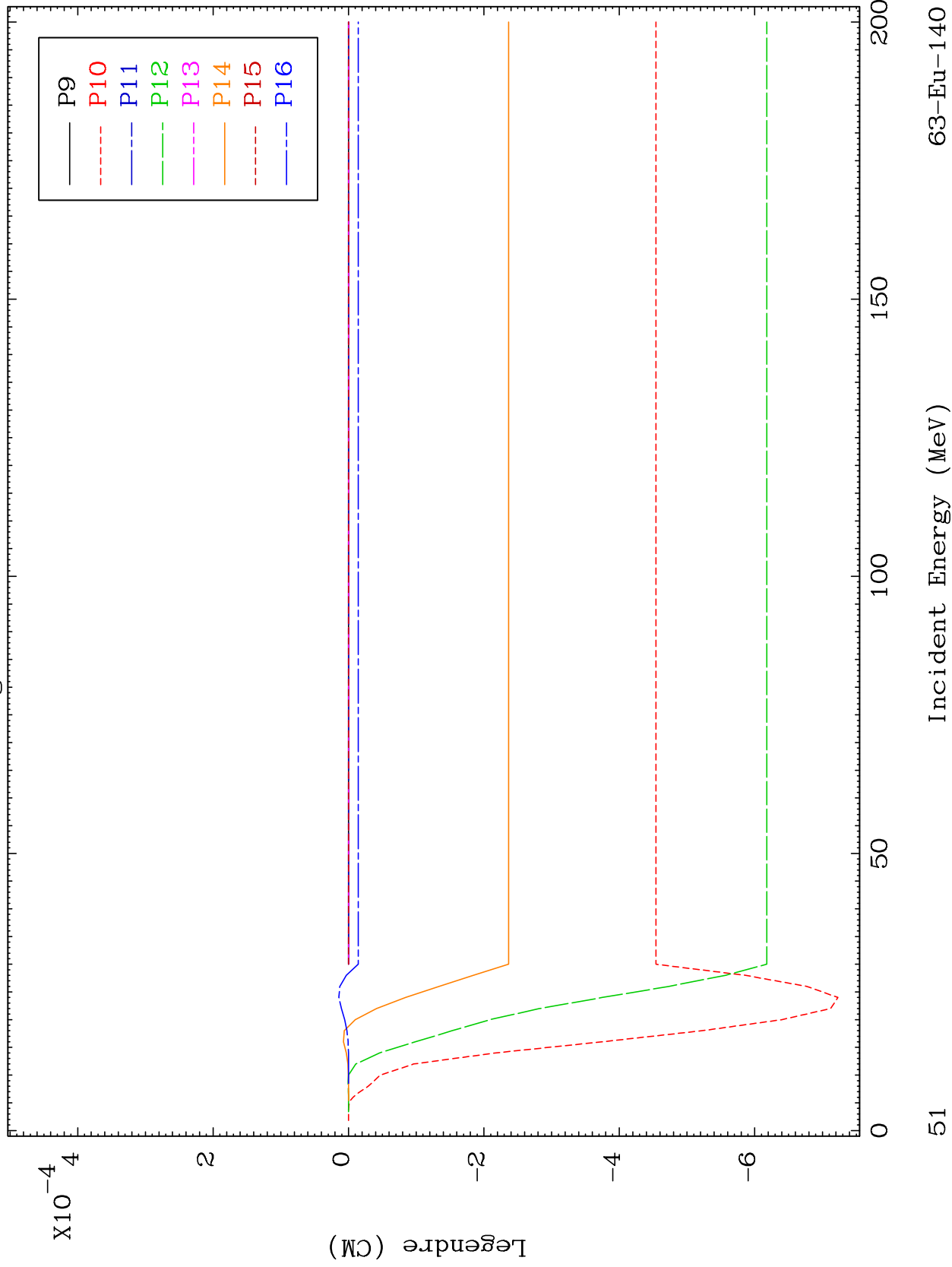




MAT 6292

MT= 59 (n,n') Level  
Legendre Coefficients

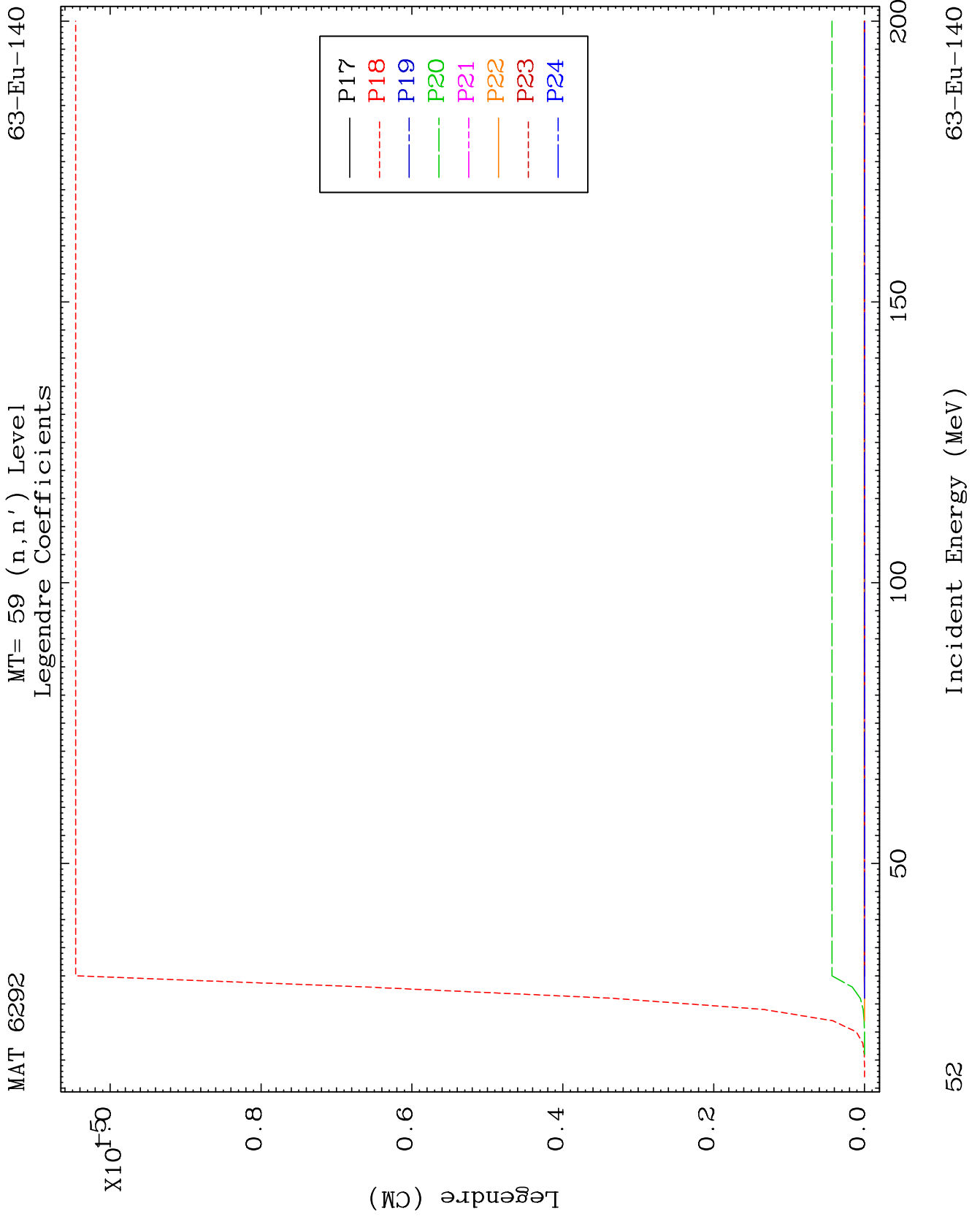
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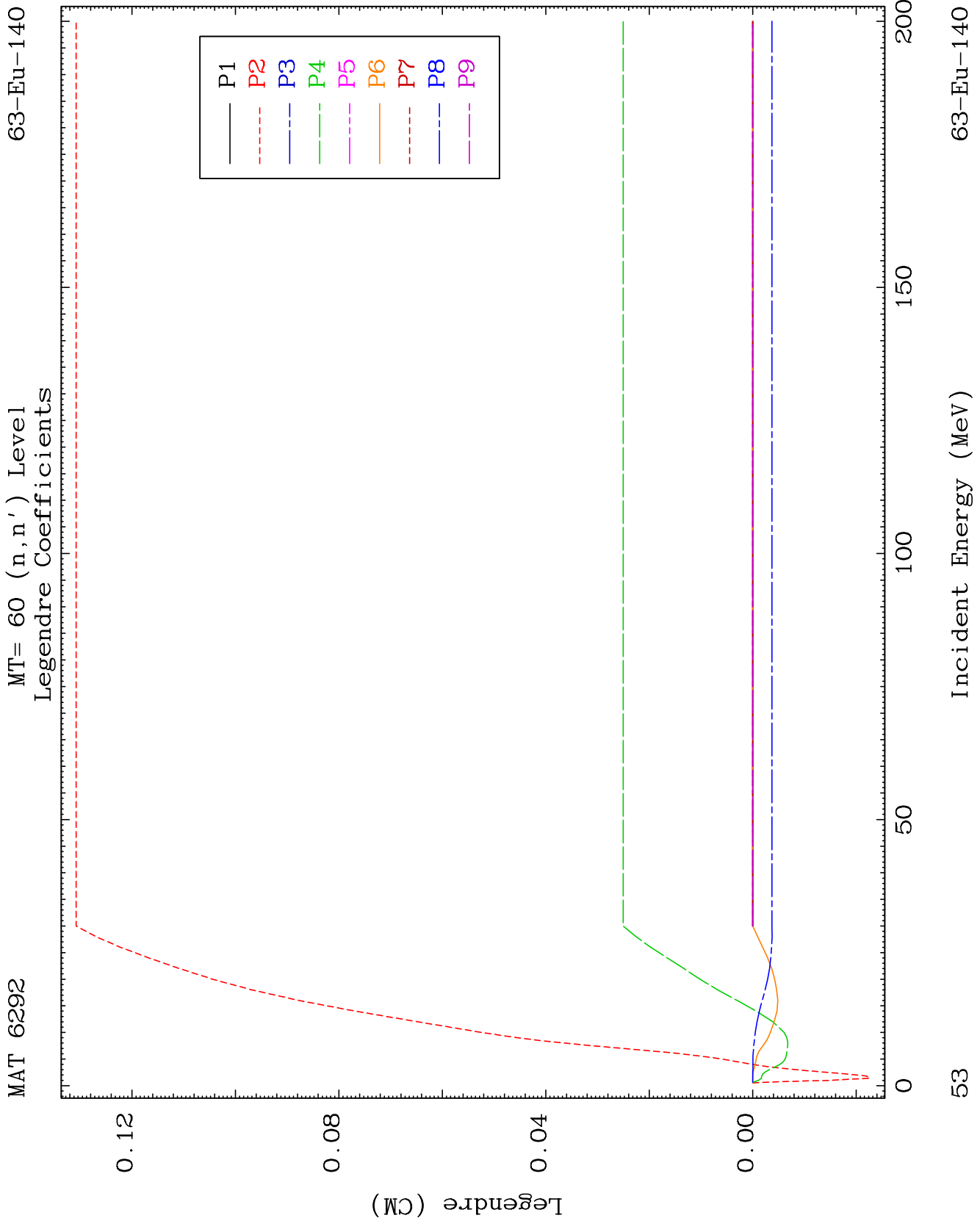


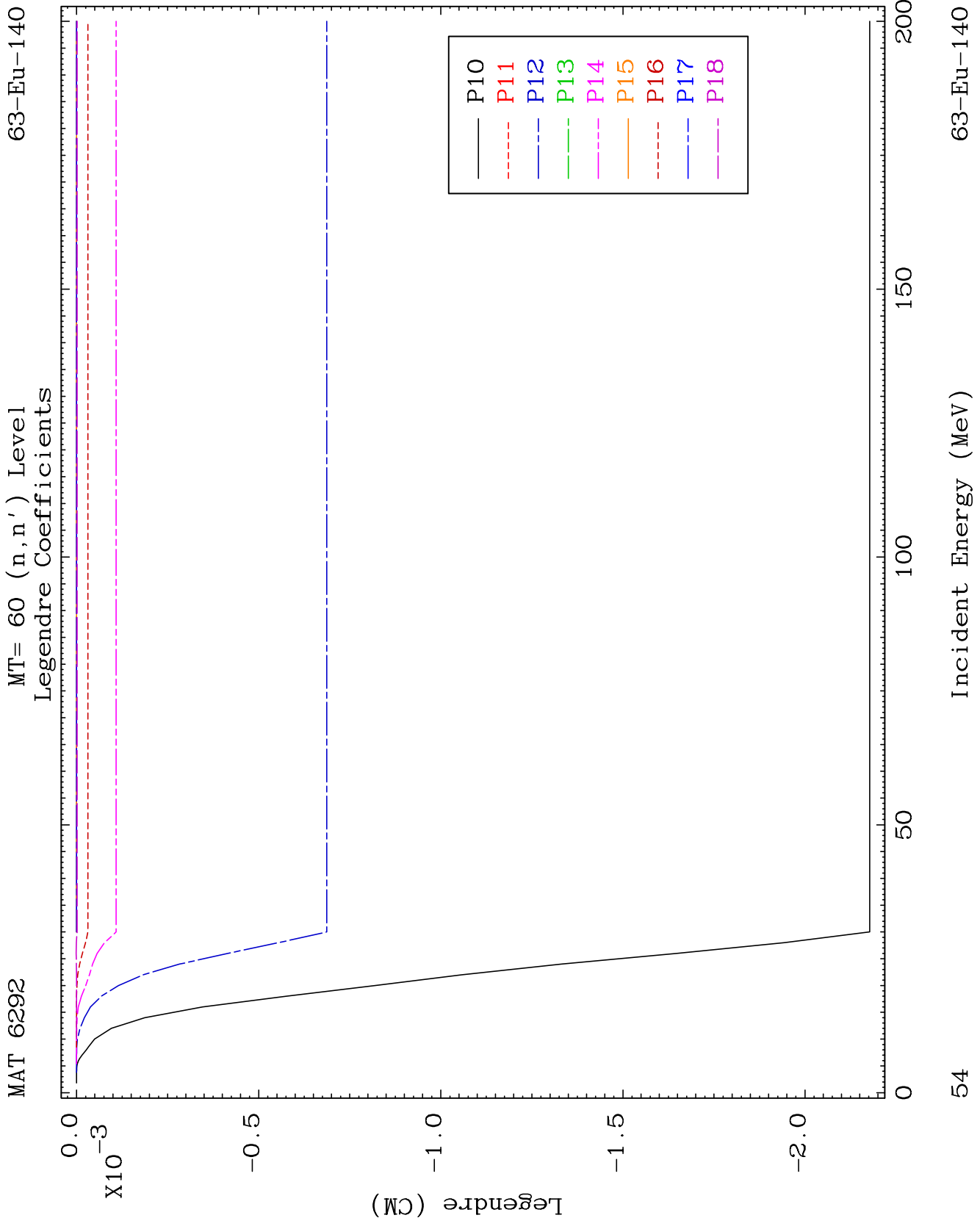
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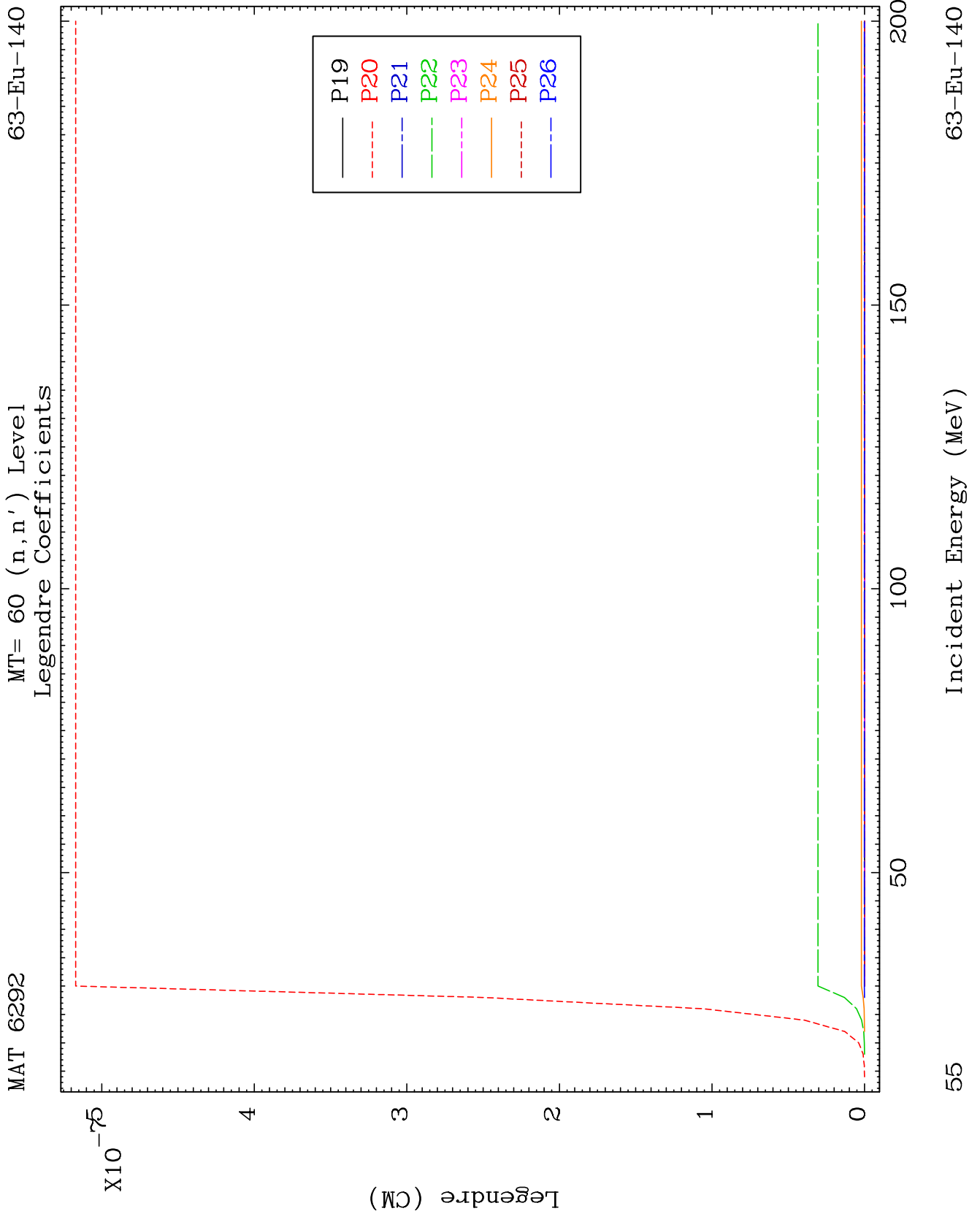
Incident Energy (MeV)

63-Eu-140

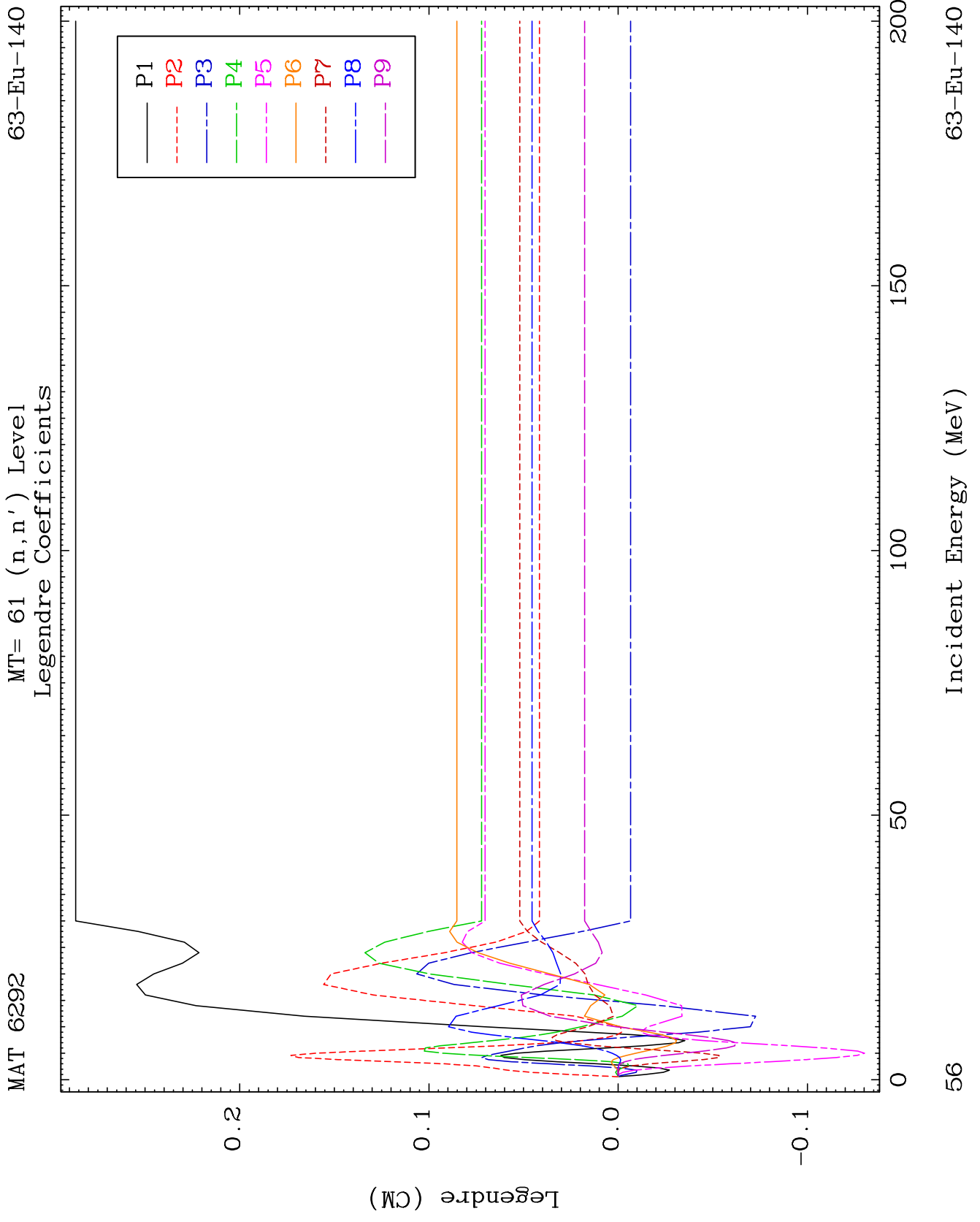








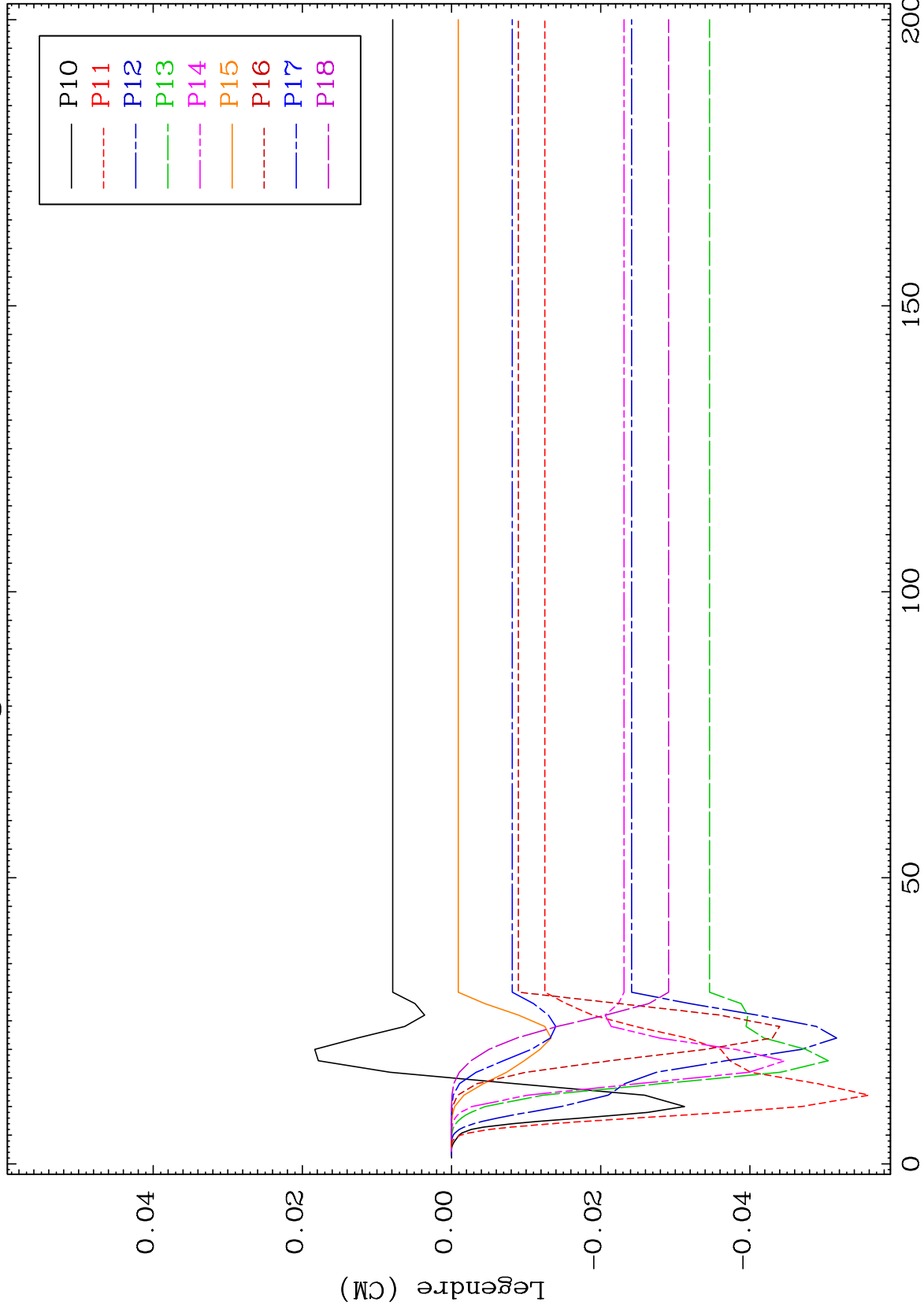




MAT 6292

MT= 61 (n,n') Level  
Legendre Coefficients

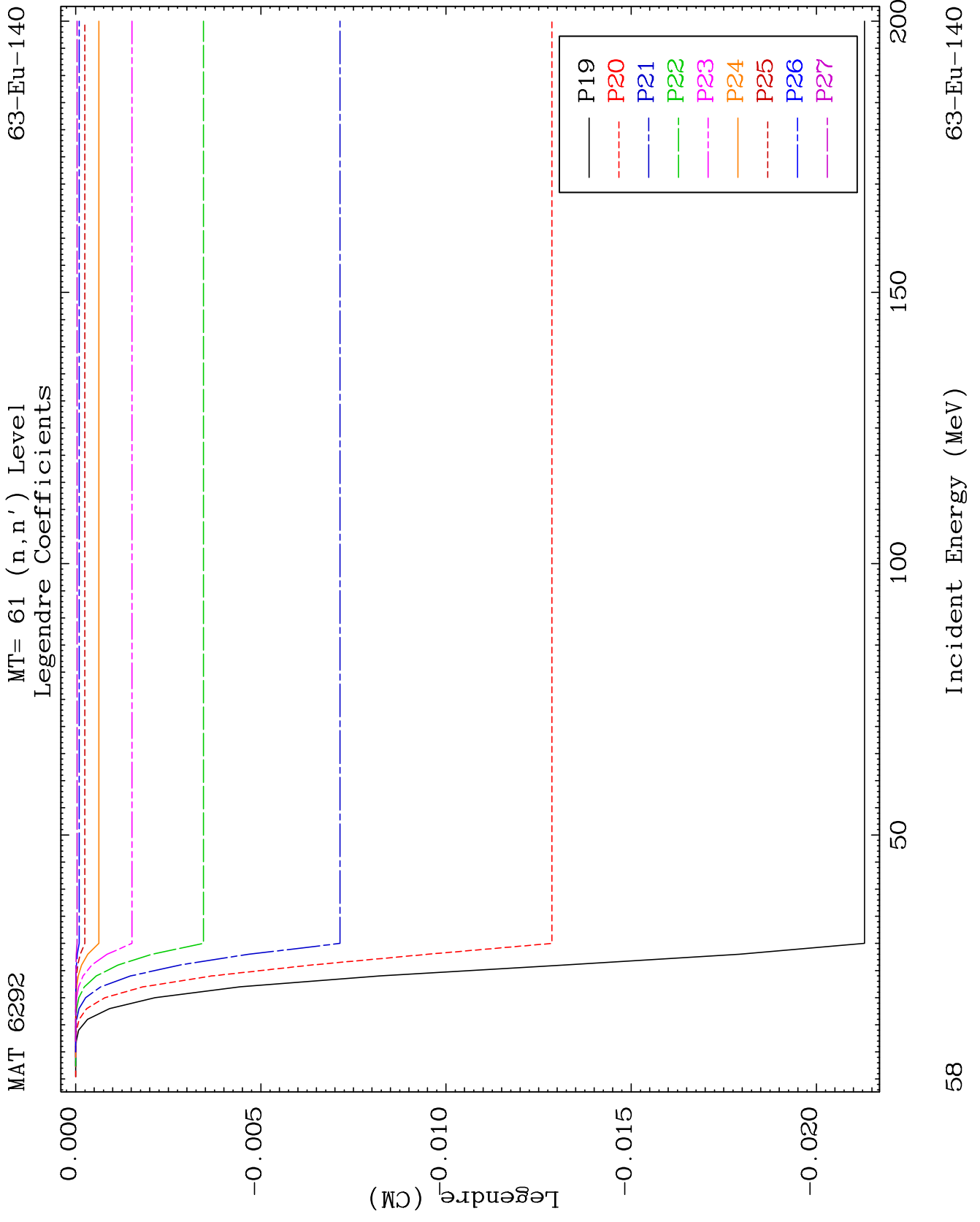
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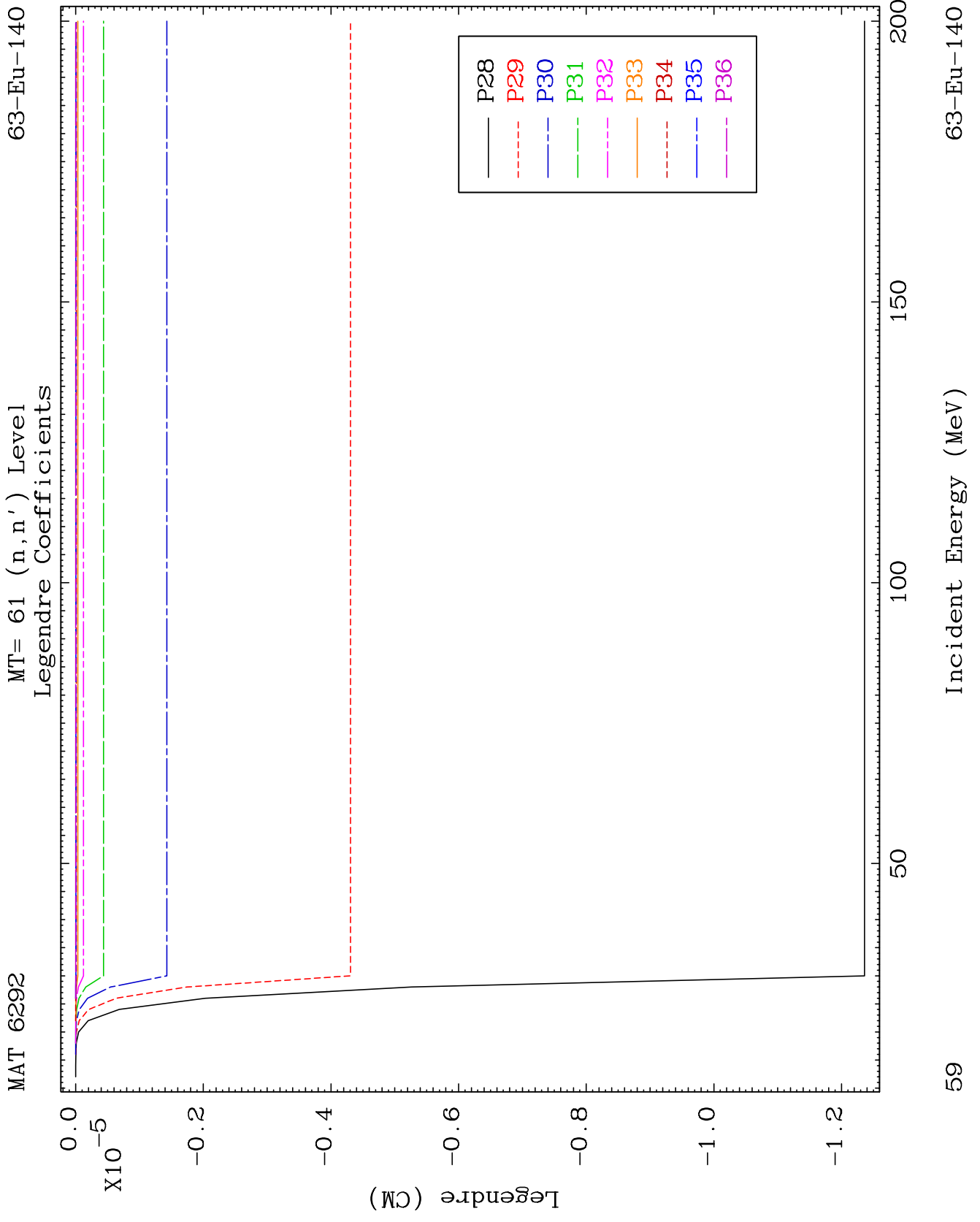


57

Incident Energy (MeV)

63-Eu-140

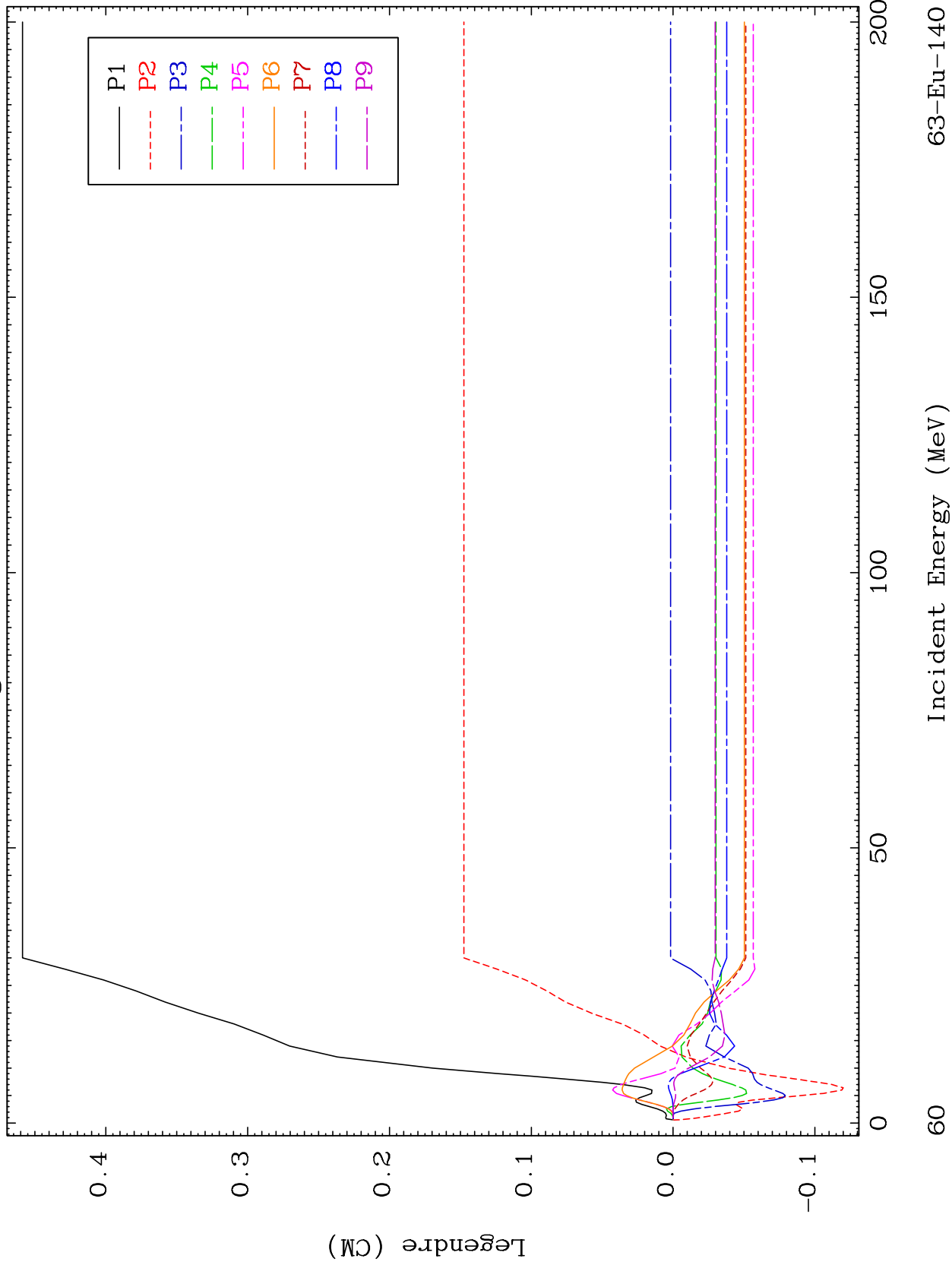




MAT 6292

MT= 62 (n,n') Level  
Legendre Coefficients

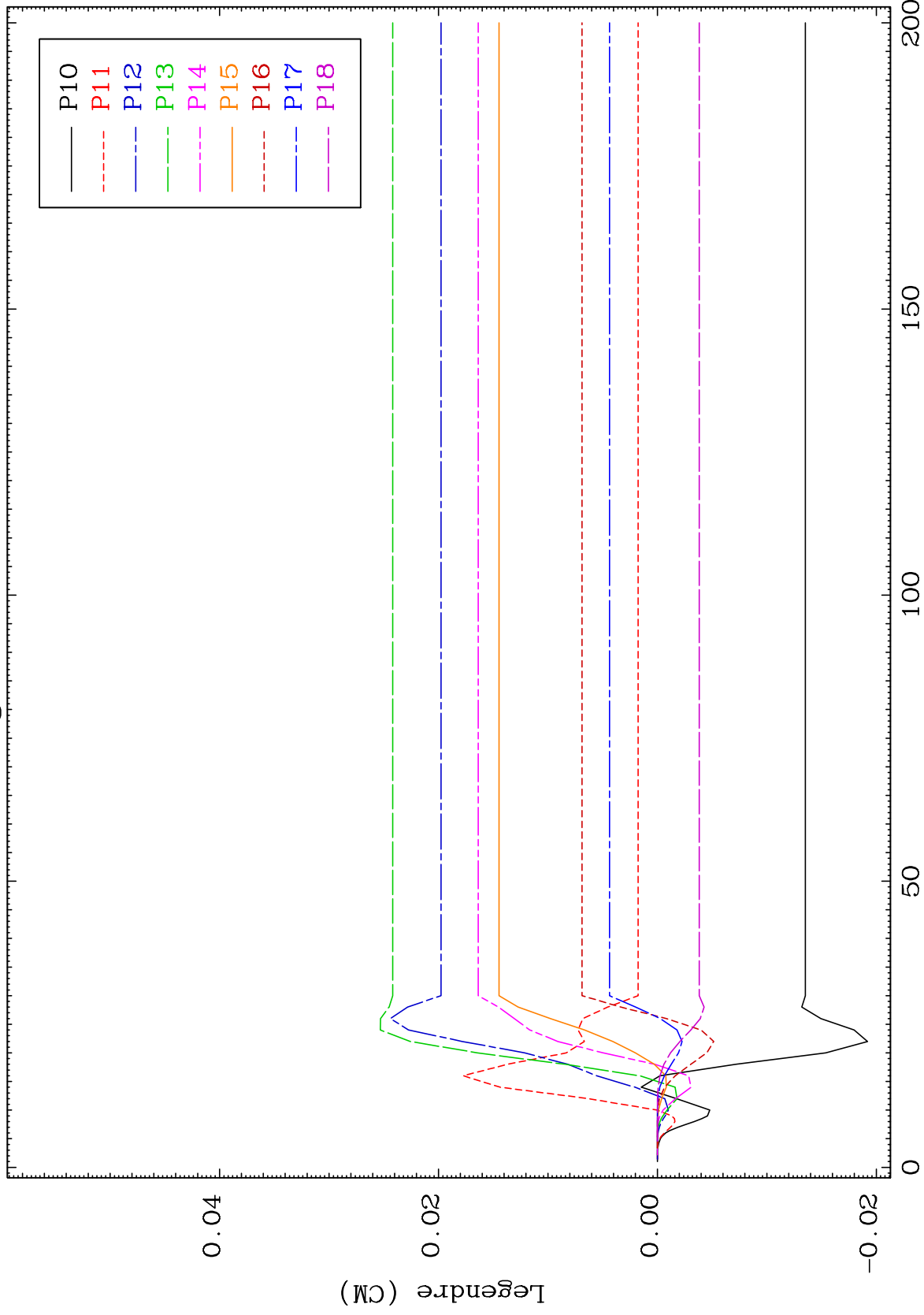
63-Eu-140



MAT 6292

MT= 62 (n,n') Level  
Legendre Coefficients

63-Eu-140



61

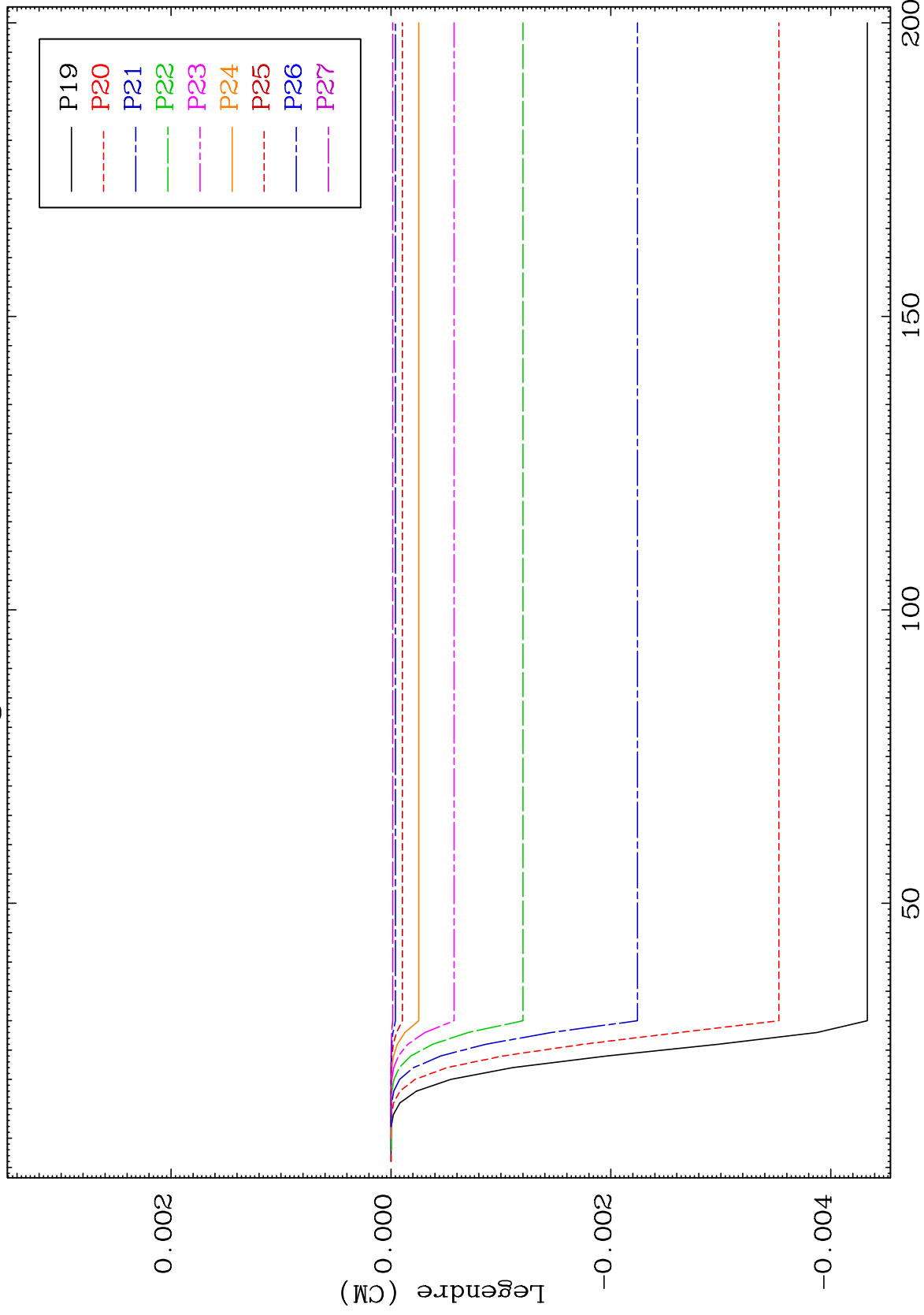
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 62 (n,n') Level  
Legendre Coefficients

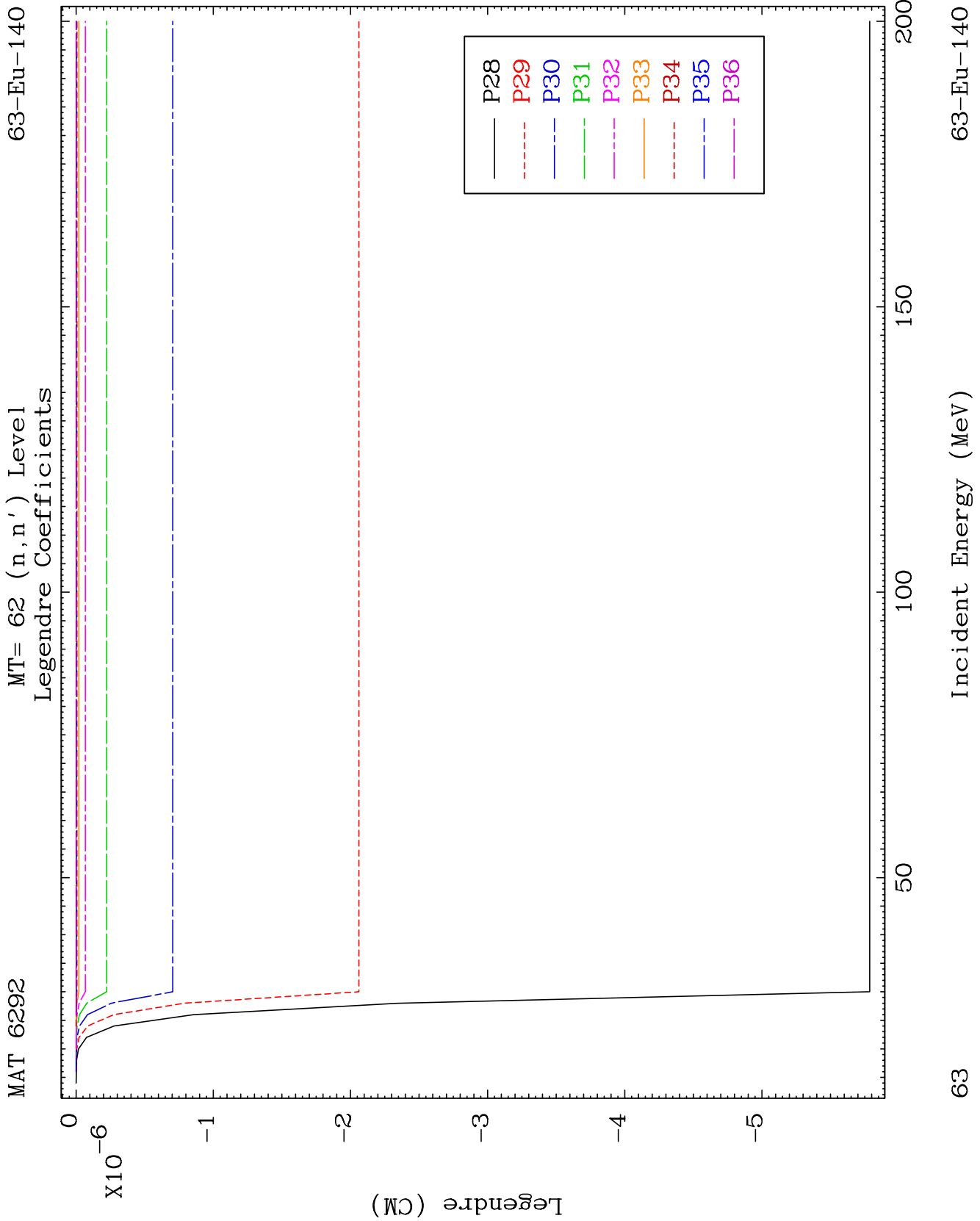
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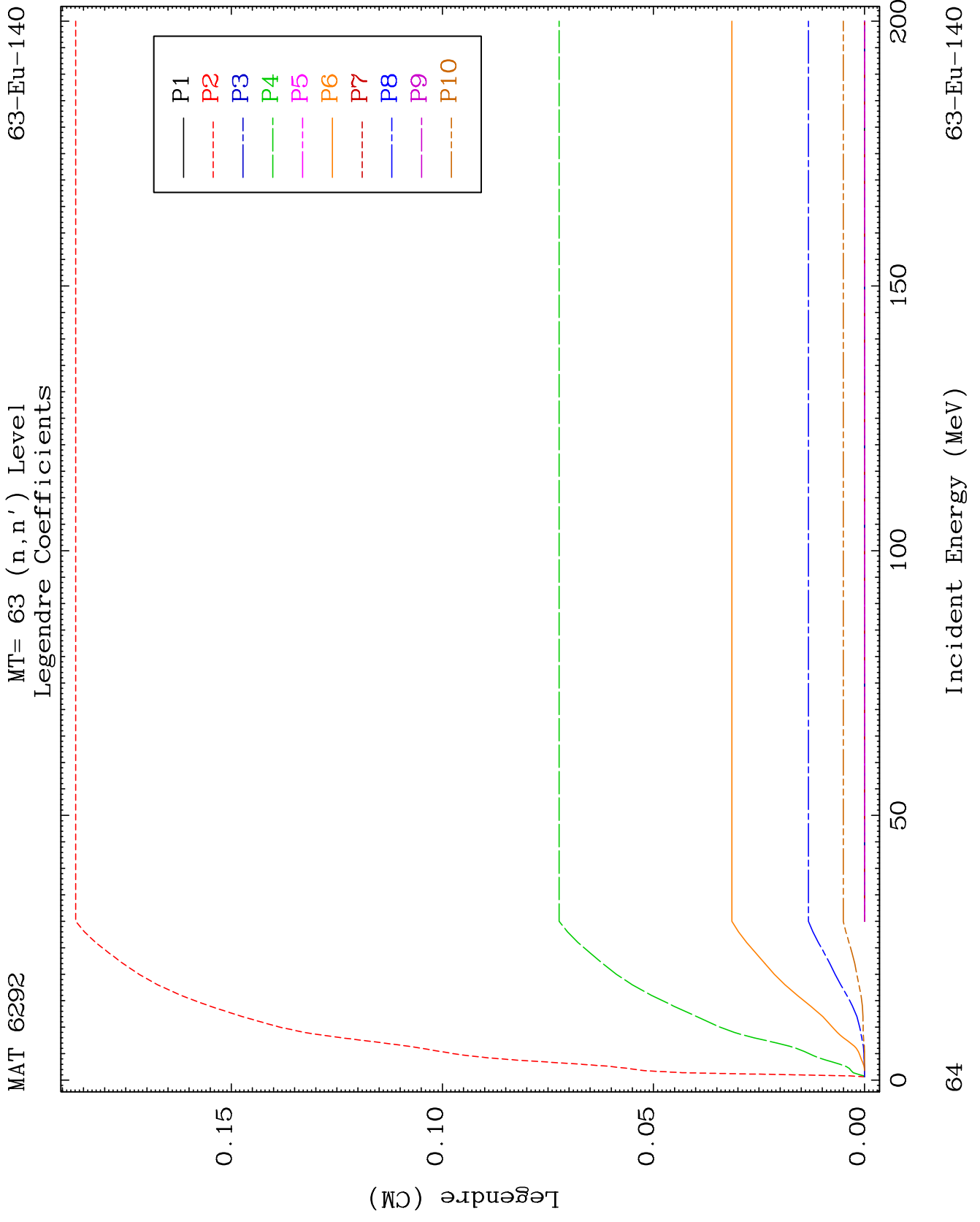
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Incident Energy (MeV)

63-Eu-140



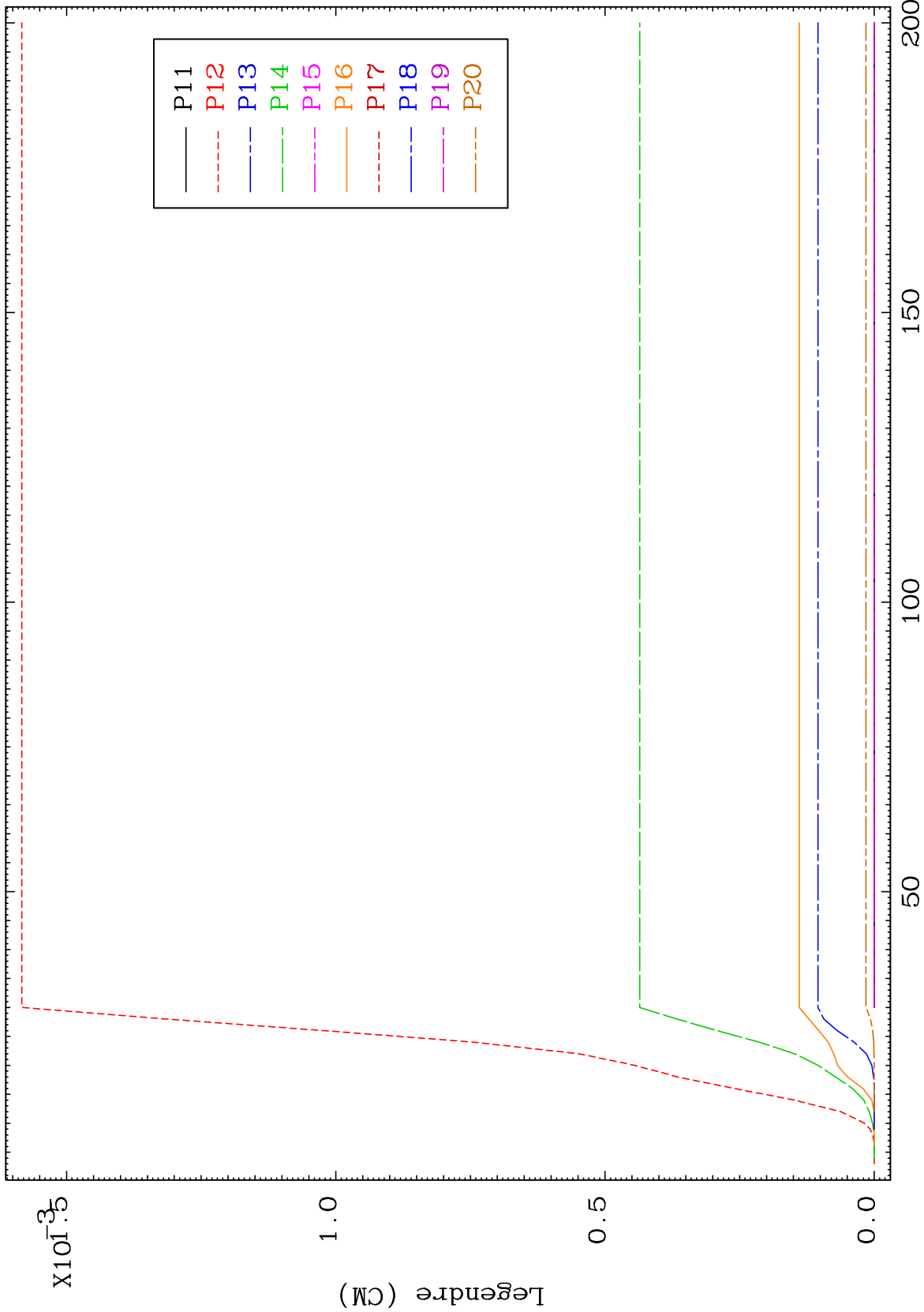




MAT 6292

MT= 63 (n,n') Level  
Legendre Coefficients

63-Eu-140



65

Incident Energy (MeV)

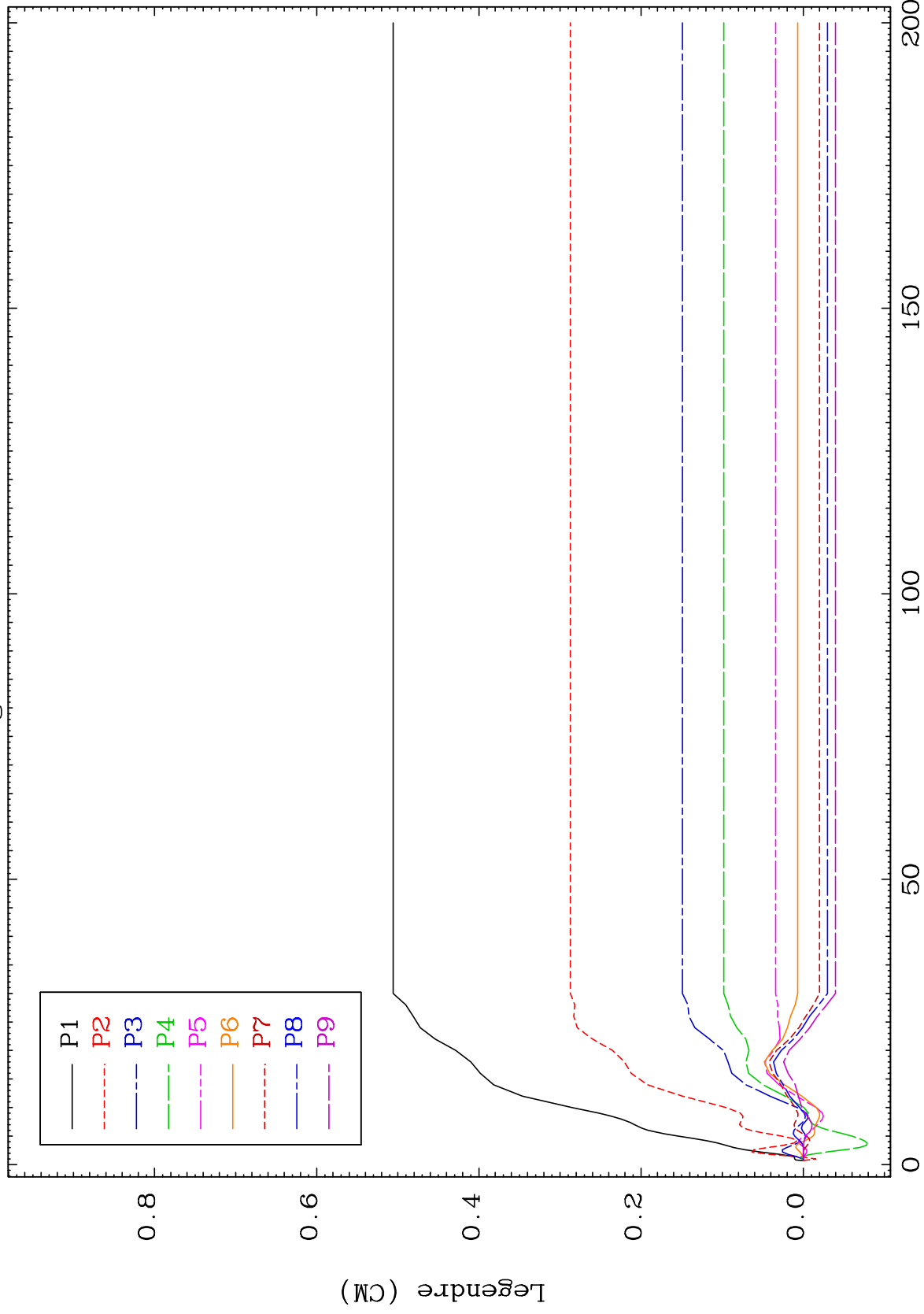
63-Eu-140



MAT 6292

MT= 64 (n,n') Level  
Legendre Coefficients

63-Eu-140



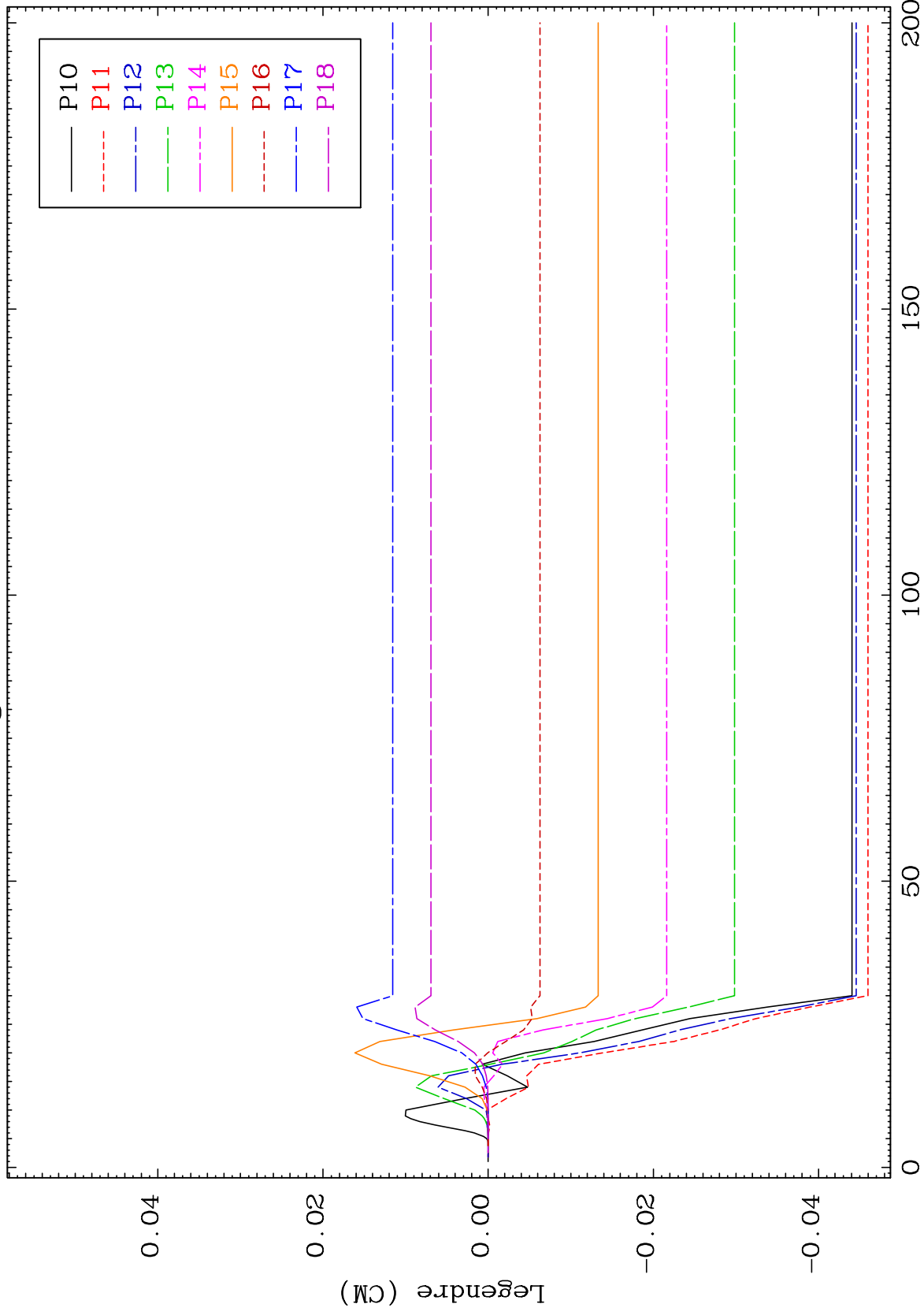
67

63-Eu-140

MAT 6292

MT= 64 (n,n') Level  
Legendre Coefficients

63-Eu-140



68

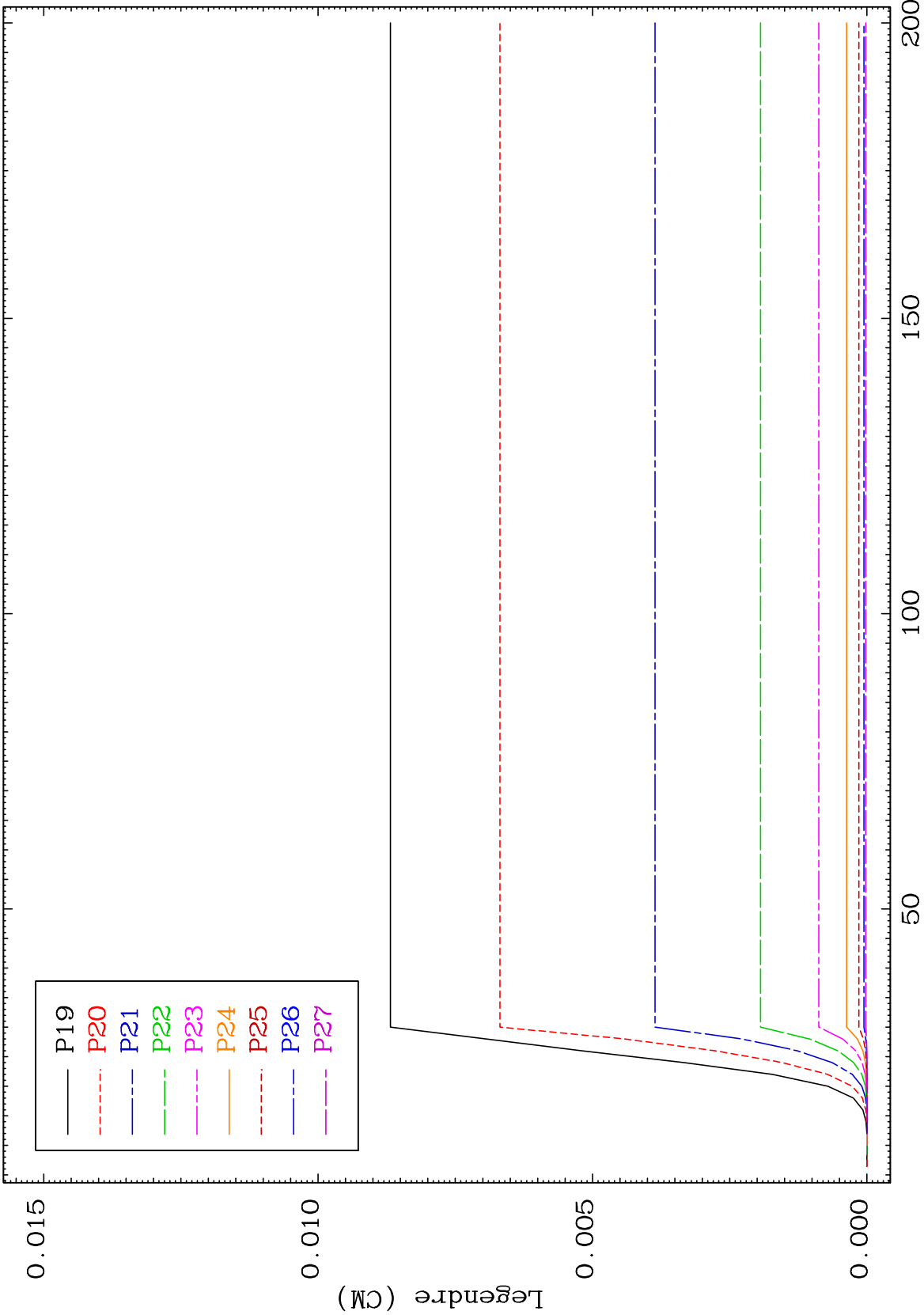
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 64 (n,n') Level  
Legendre Coefficients

63-Eu-140



69

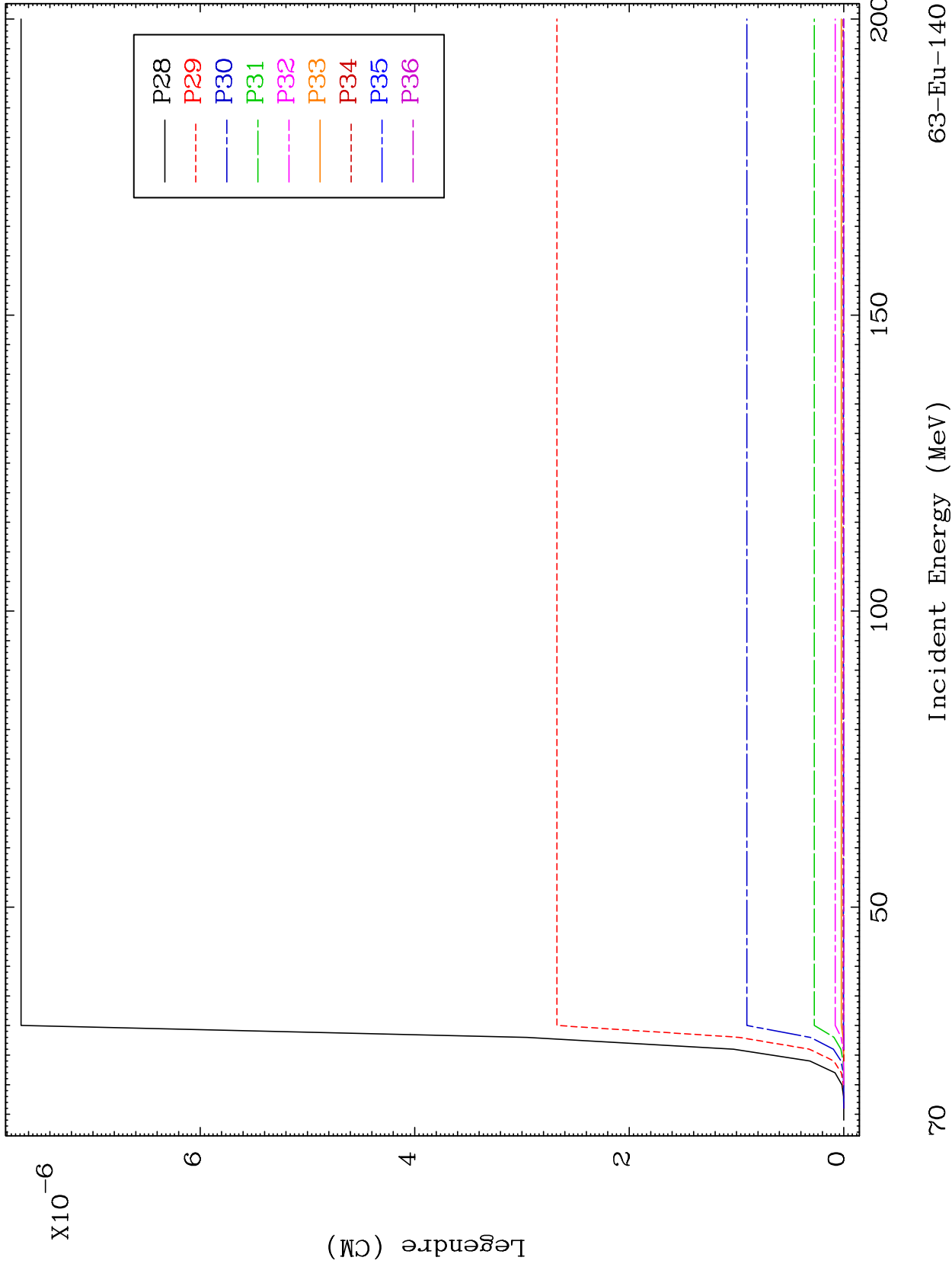
Incident Energy (MeV)

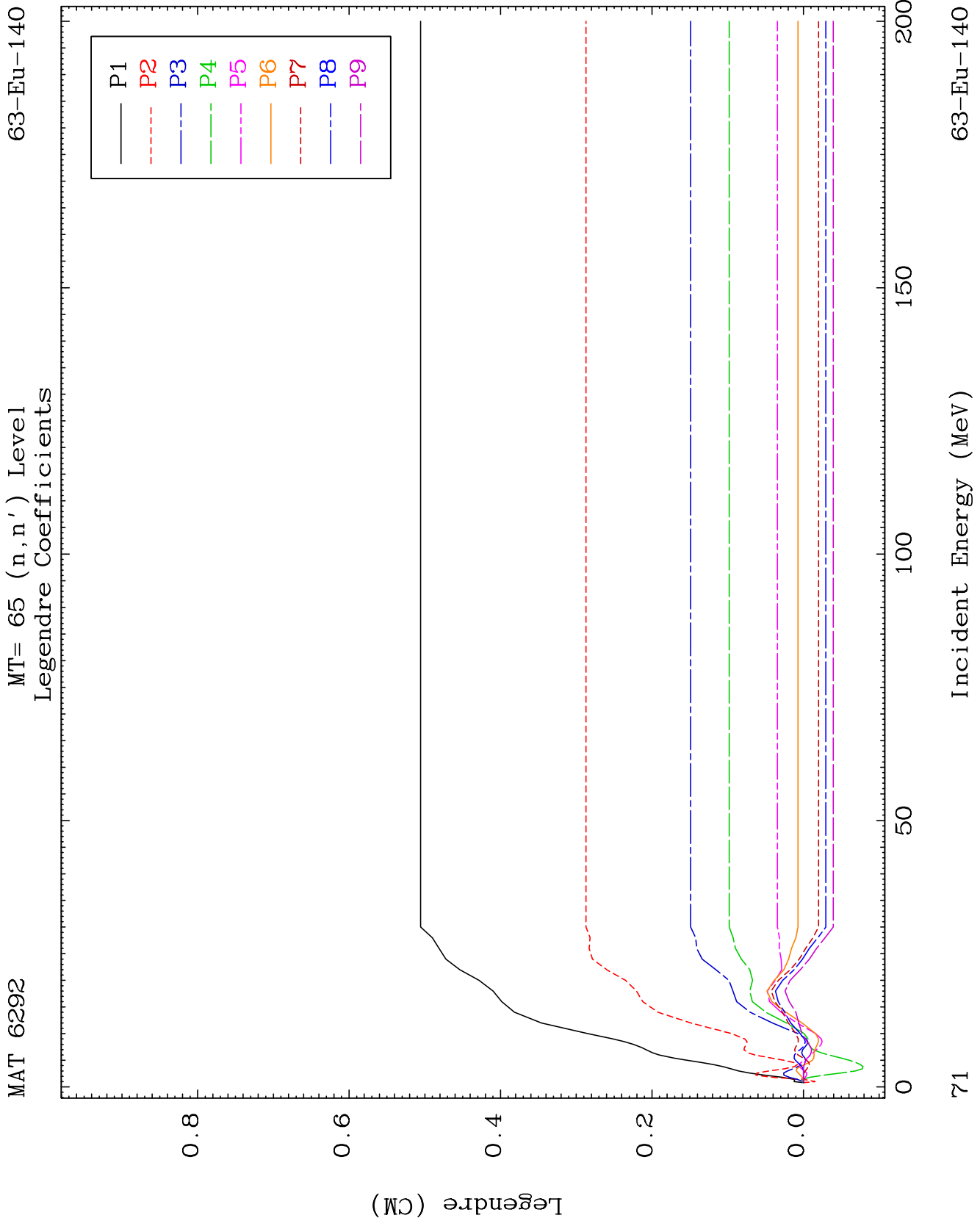
63-Eu-140

MAT 6292

MT= 64 (n,n') Level  
Legendre Coefficients

63-Eu-140



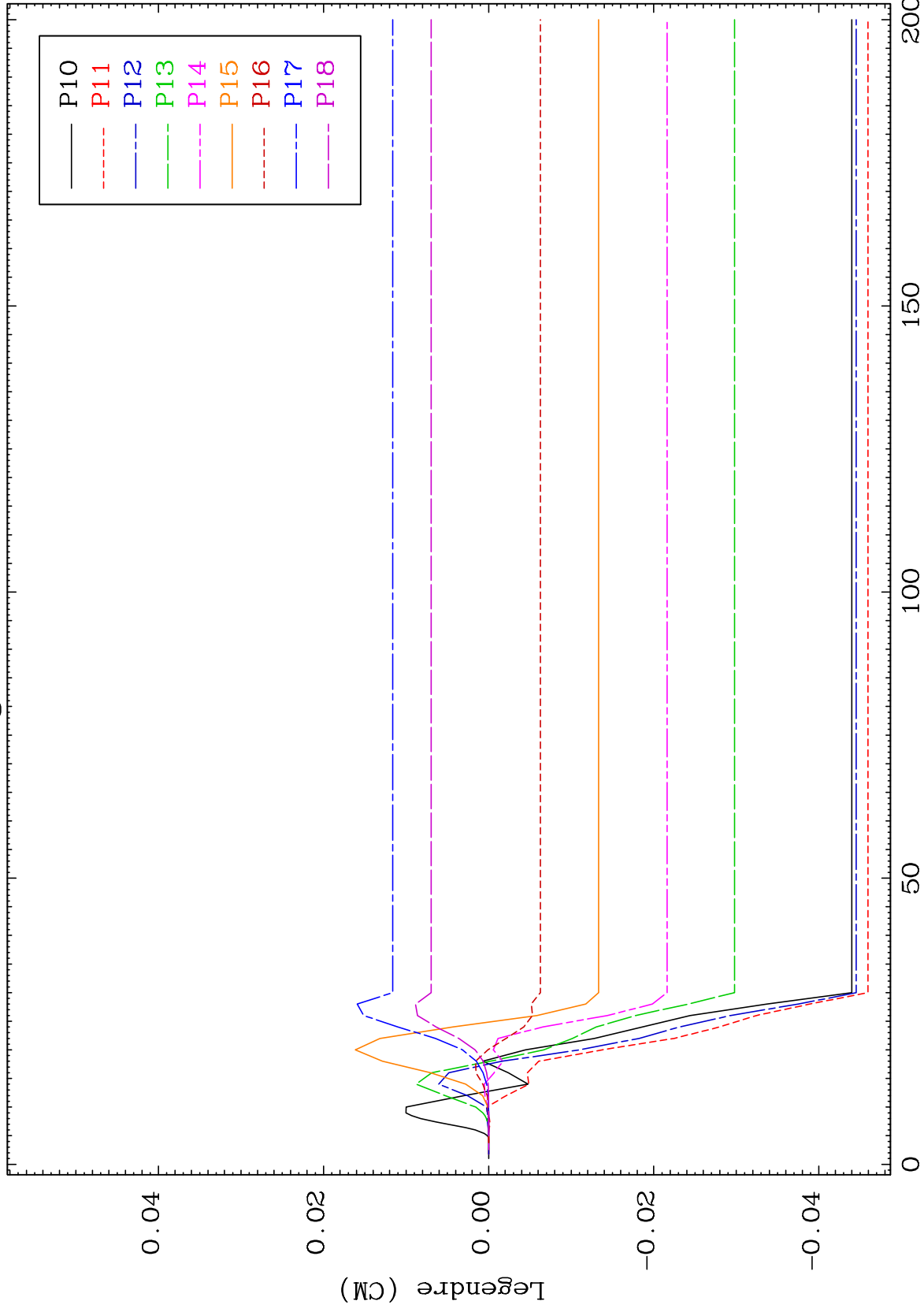




MAT 6292

MT= 65 (n,n') Level  
Legendre Coefficients

63-Eu-140



72

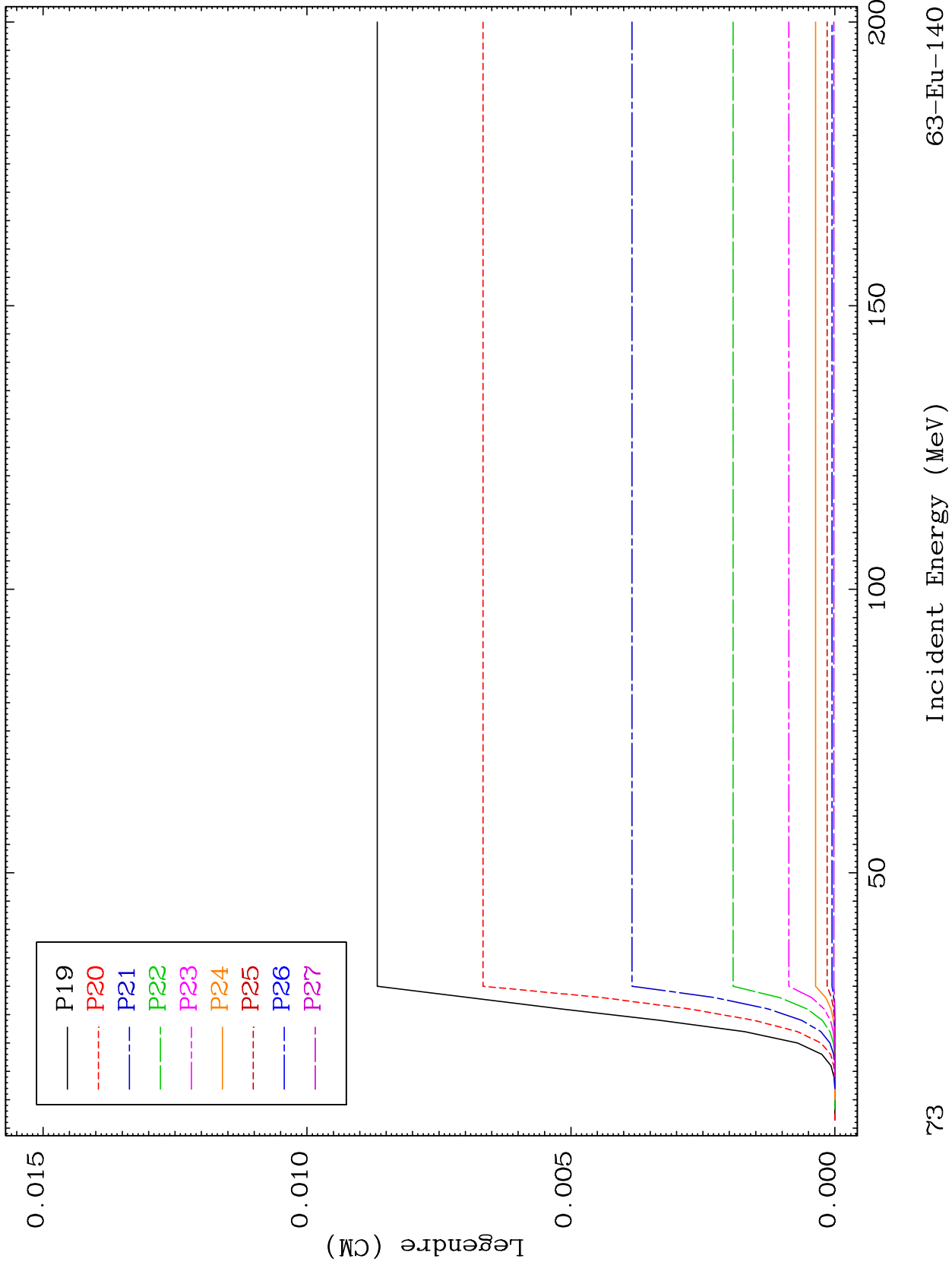
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 65 (n,n') Level  
Legendre Coefficients

63-Eu-140



73

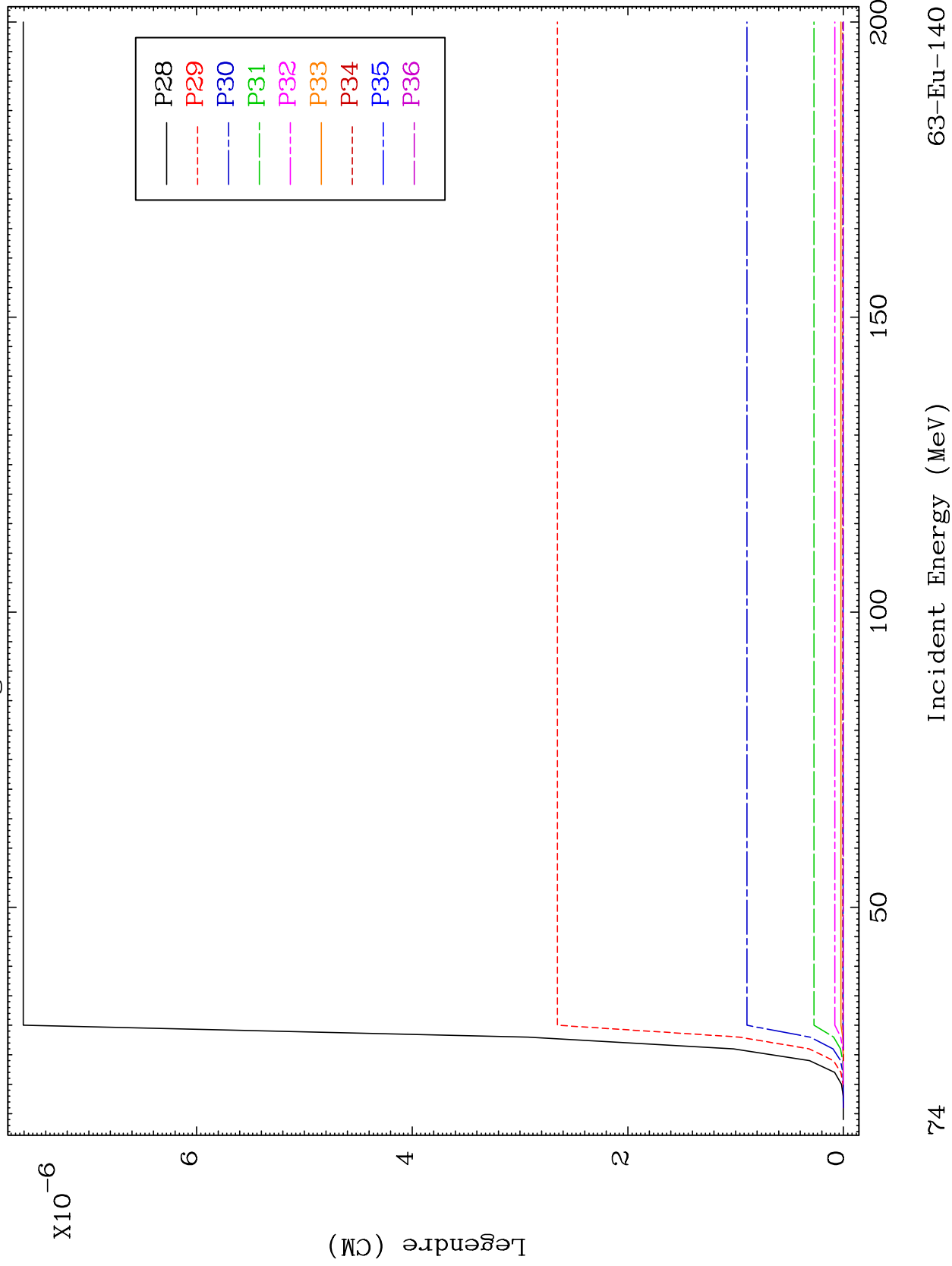
Incident Energy (MeV)

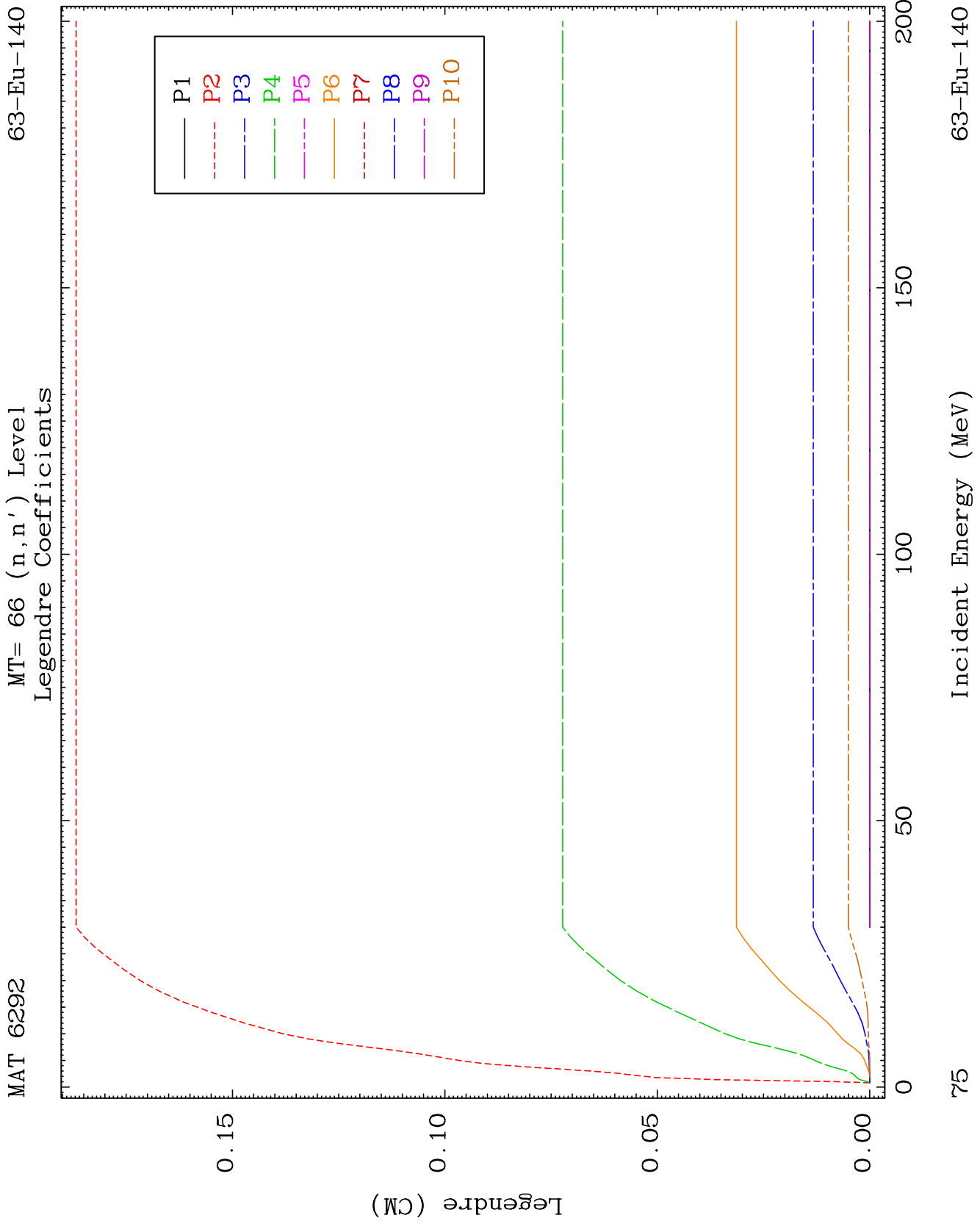
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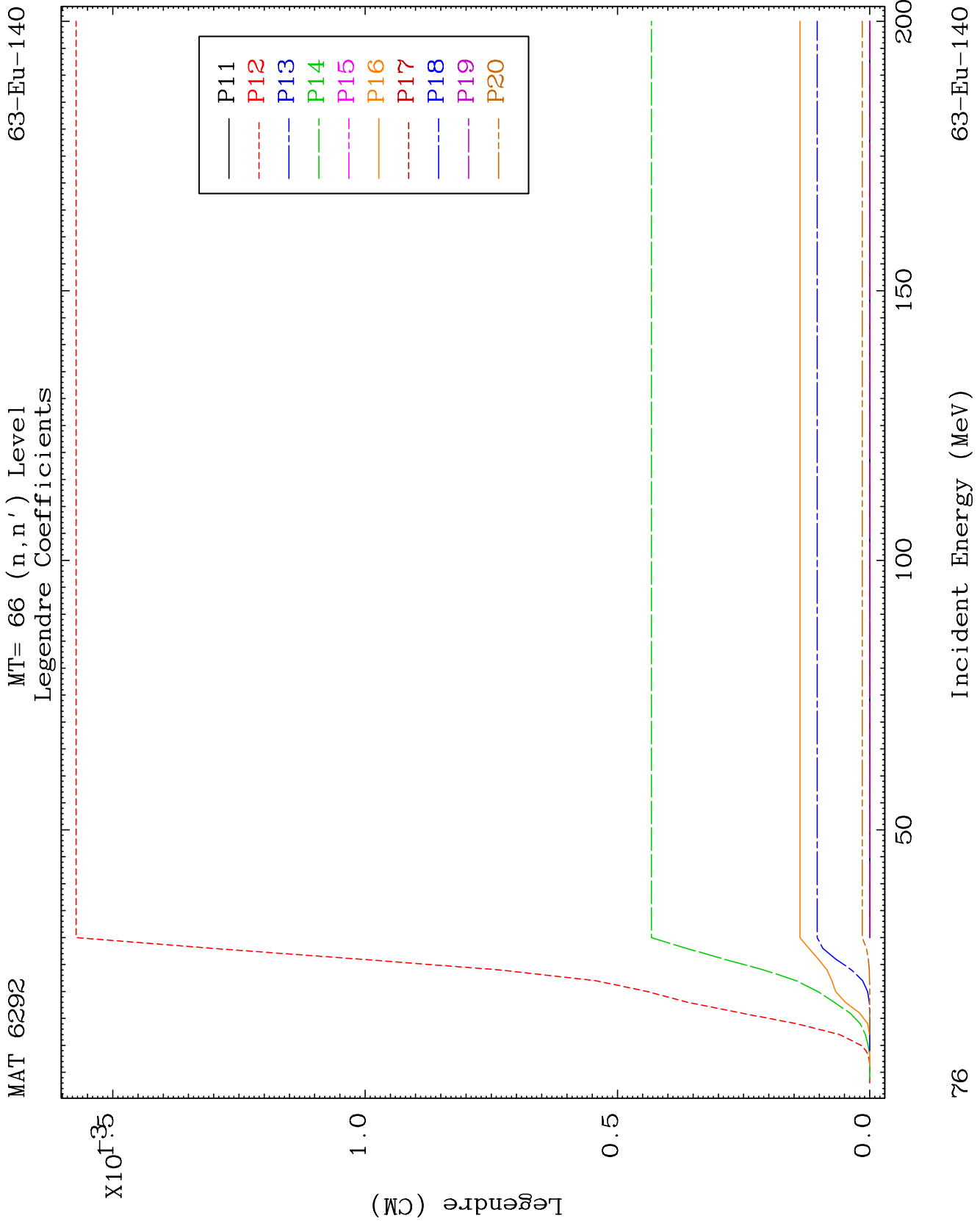
MAT 6292

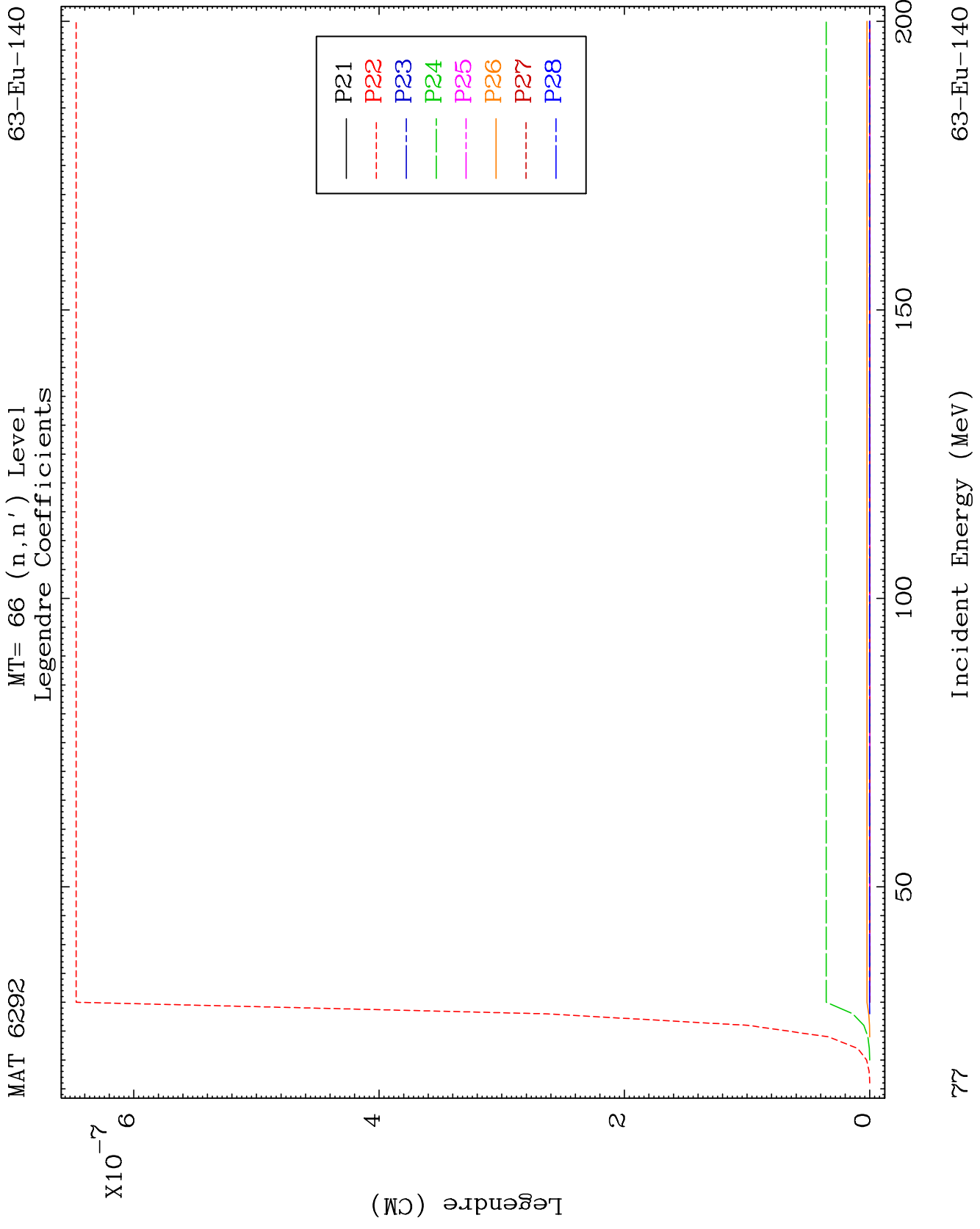
MT= 65 (n,n') Level  
Legendre Coefficients

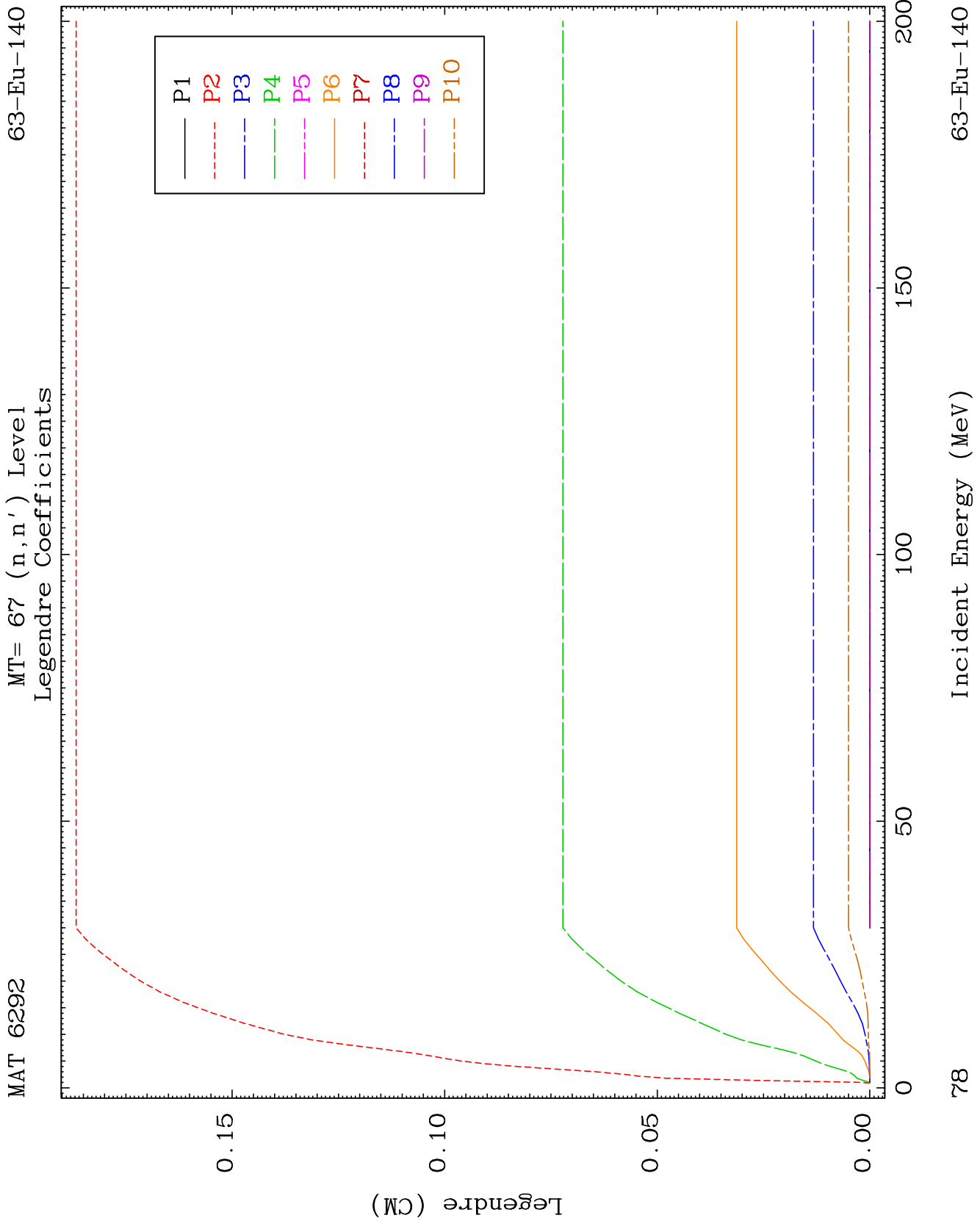
63-Eu-140







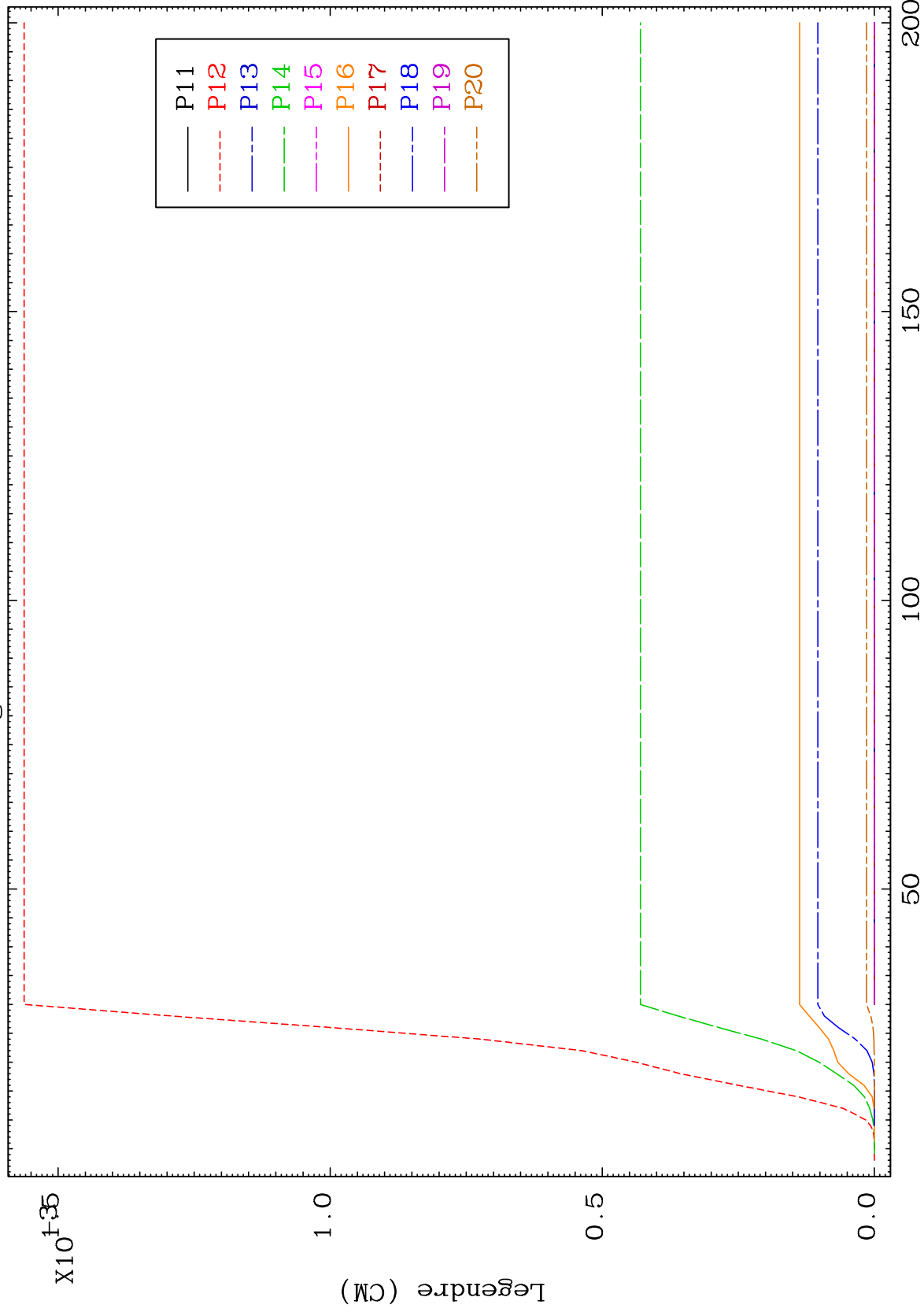




MAT 6292

MT= 67 (n,n') Level  
Legendre Coefficients

63-Eu-140

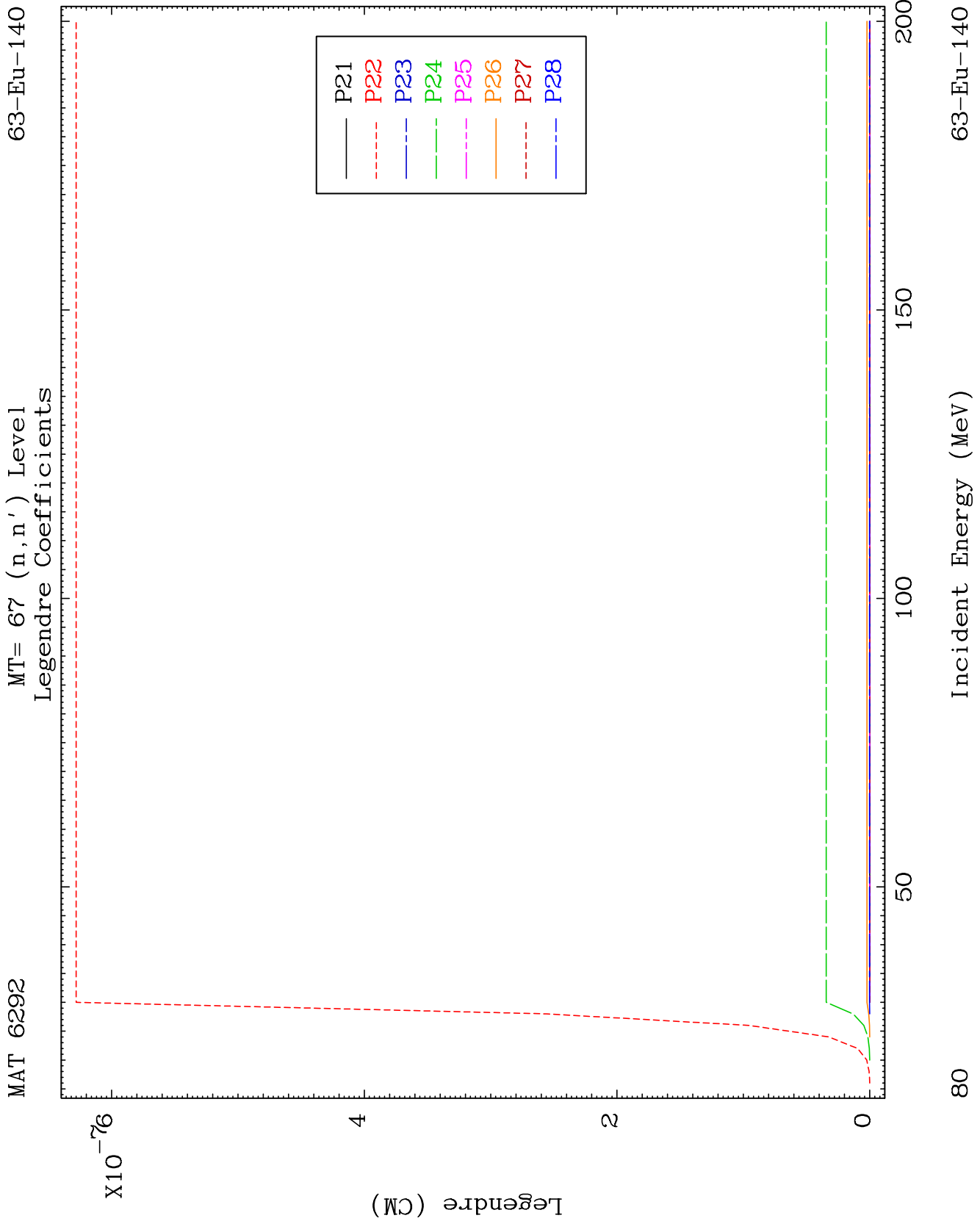


79

Incident Energy (MeV)

63-Eu-140



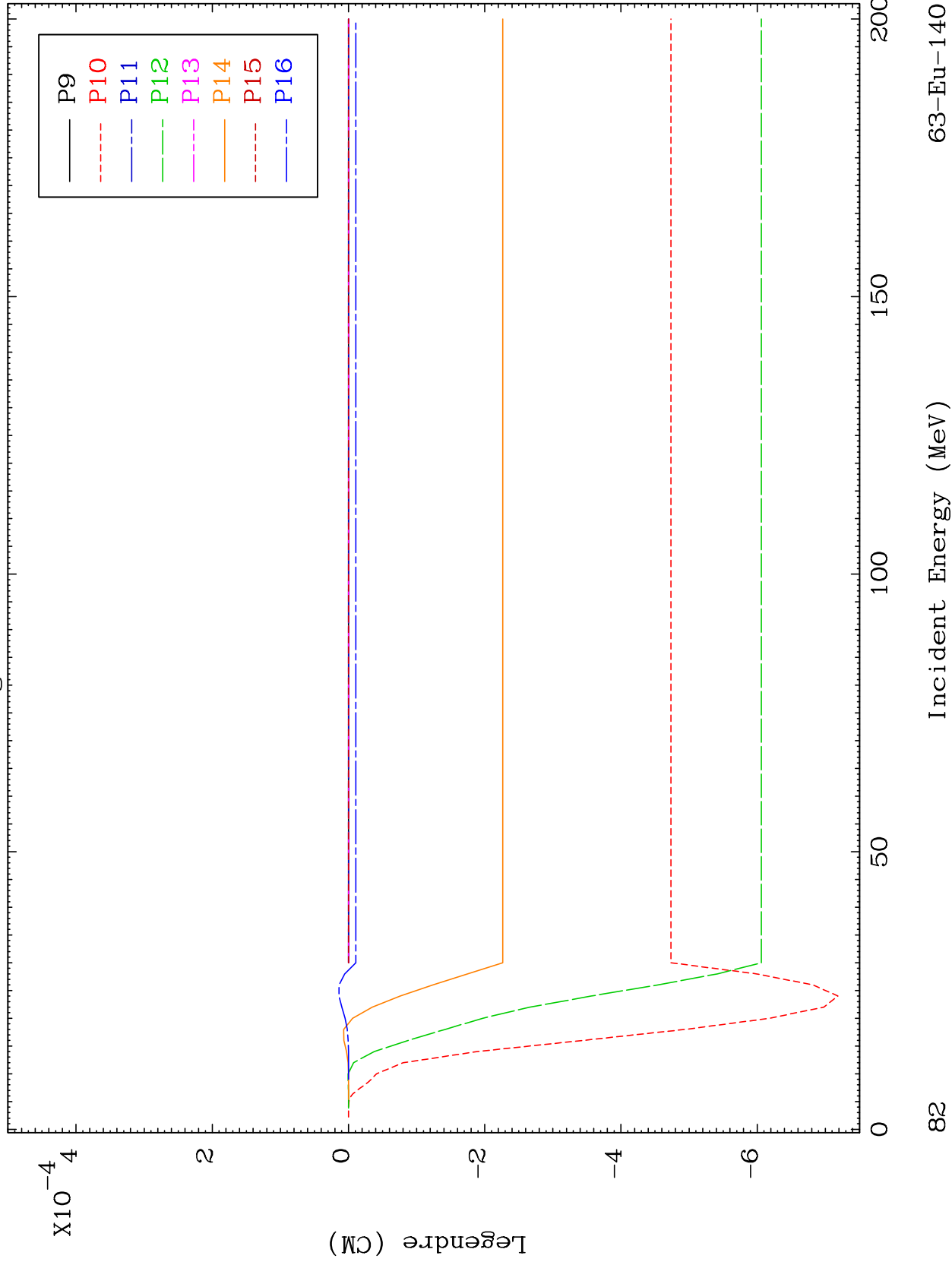




MAT 6292

MT= 68 (n,n') Level  
Legendre Coefficients

63-Eu-140

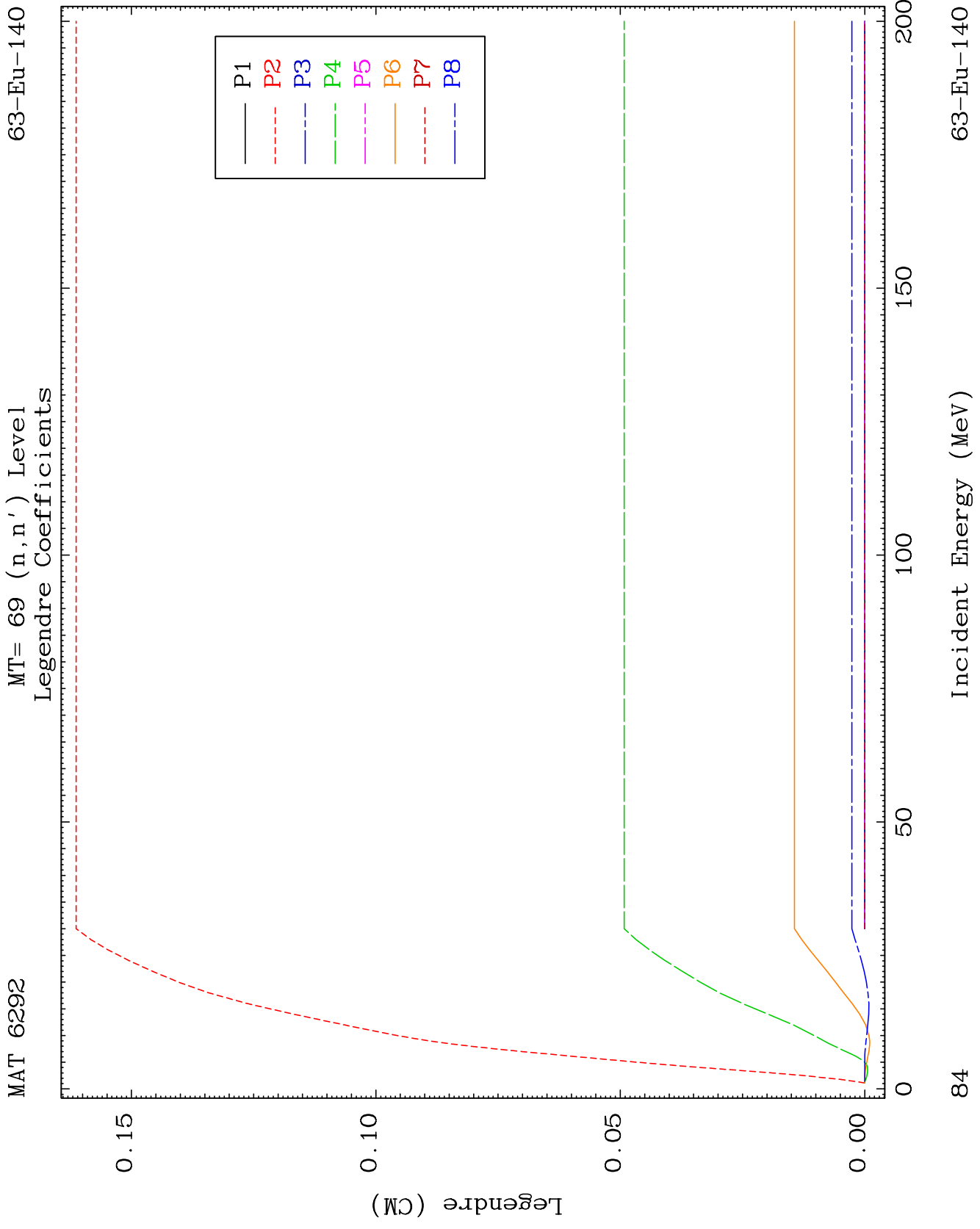


82

Incident Energy (MeV)

63-Eu-140

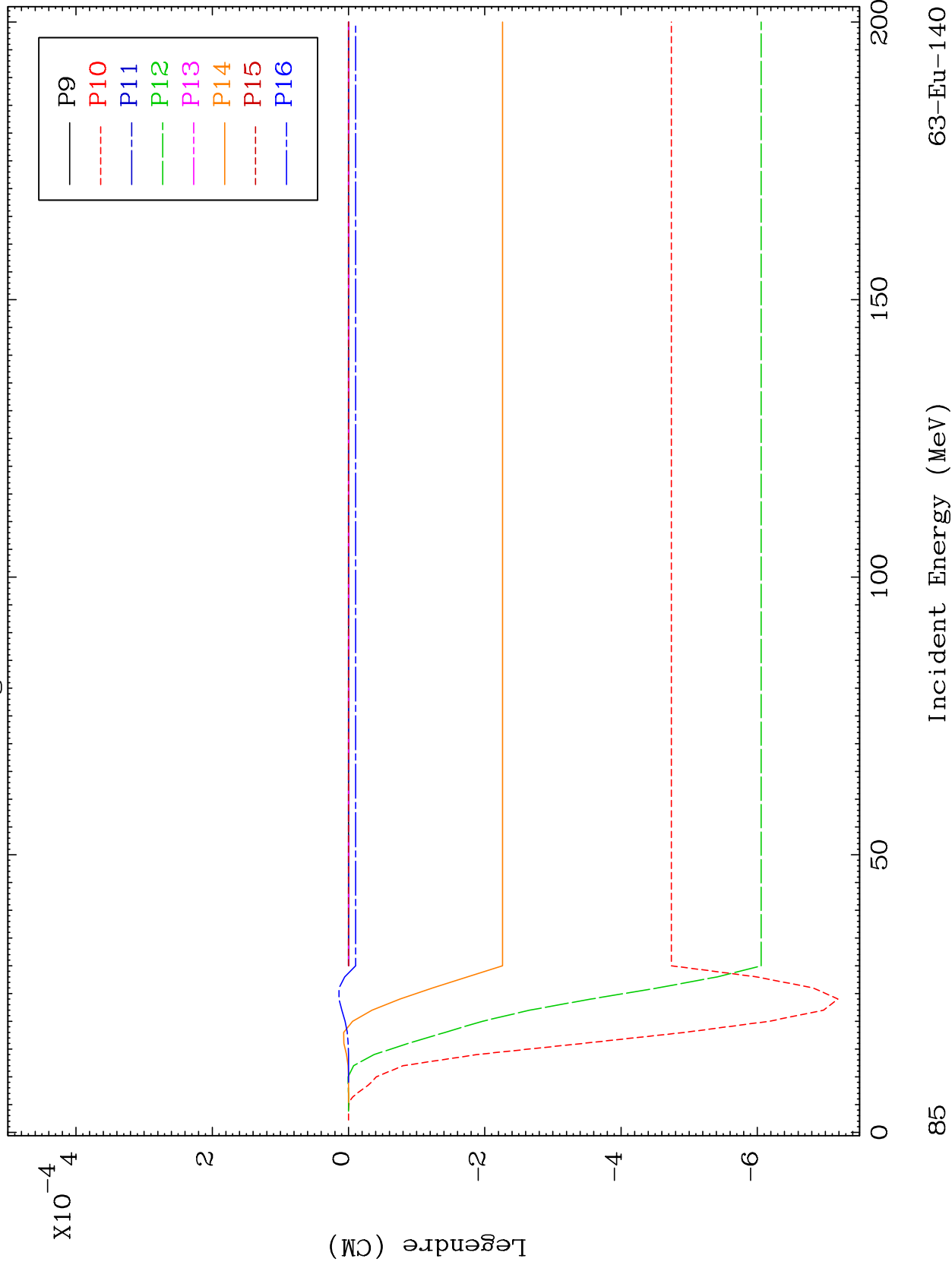




MAT 6292

MT= 69 (n,n') Level  
Legendre Coefficients

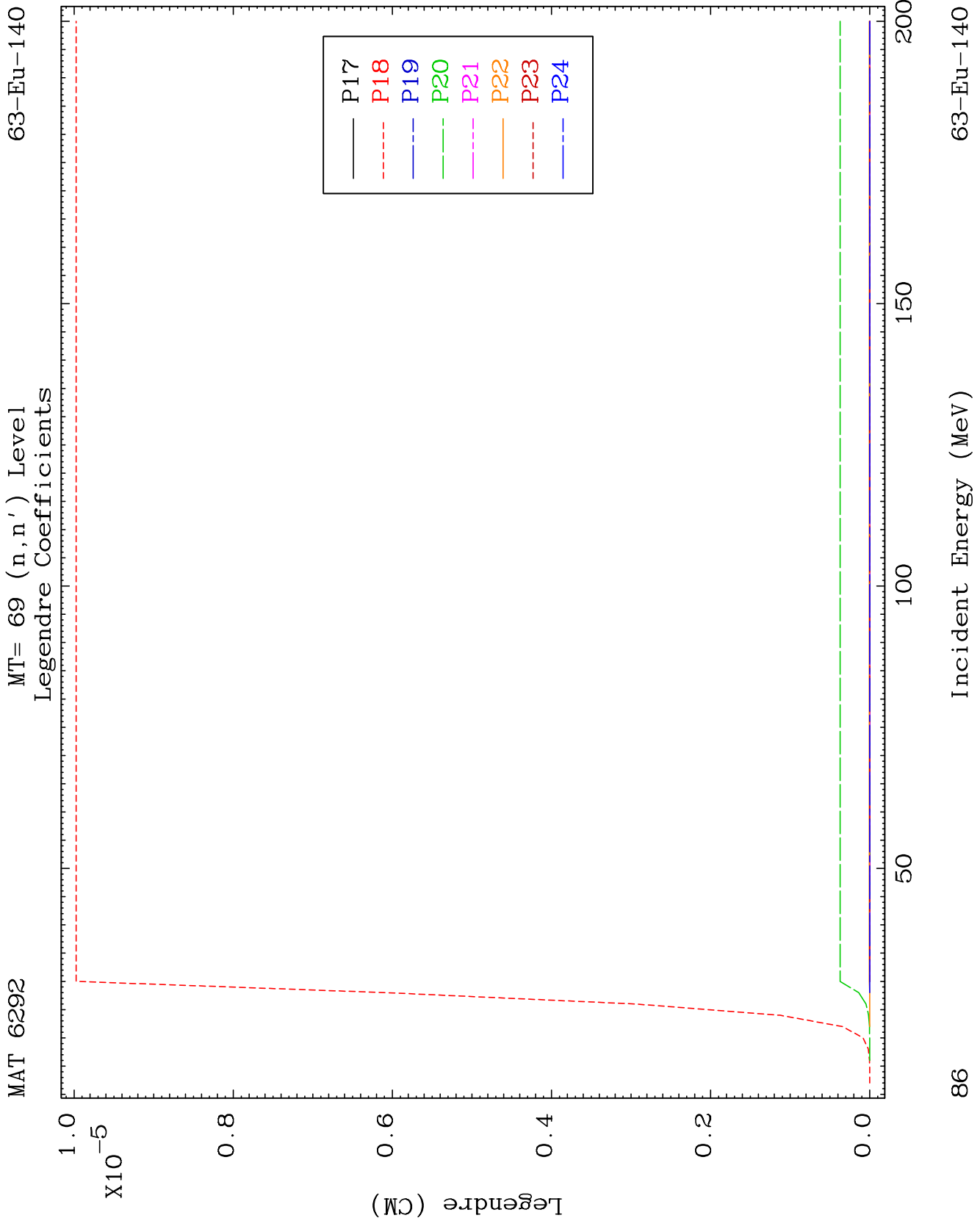
63-Eu-140

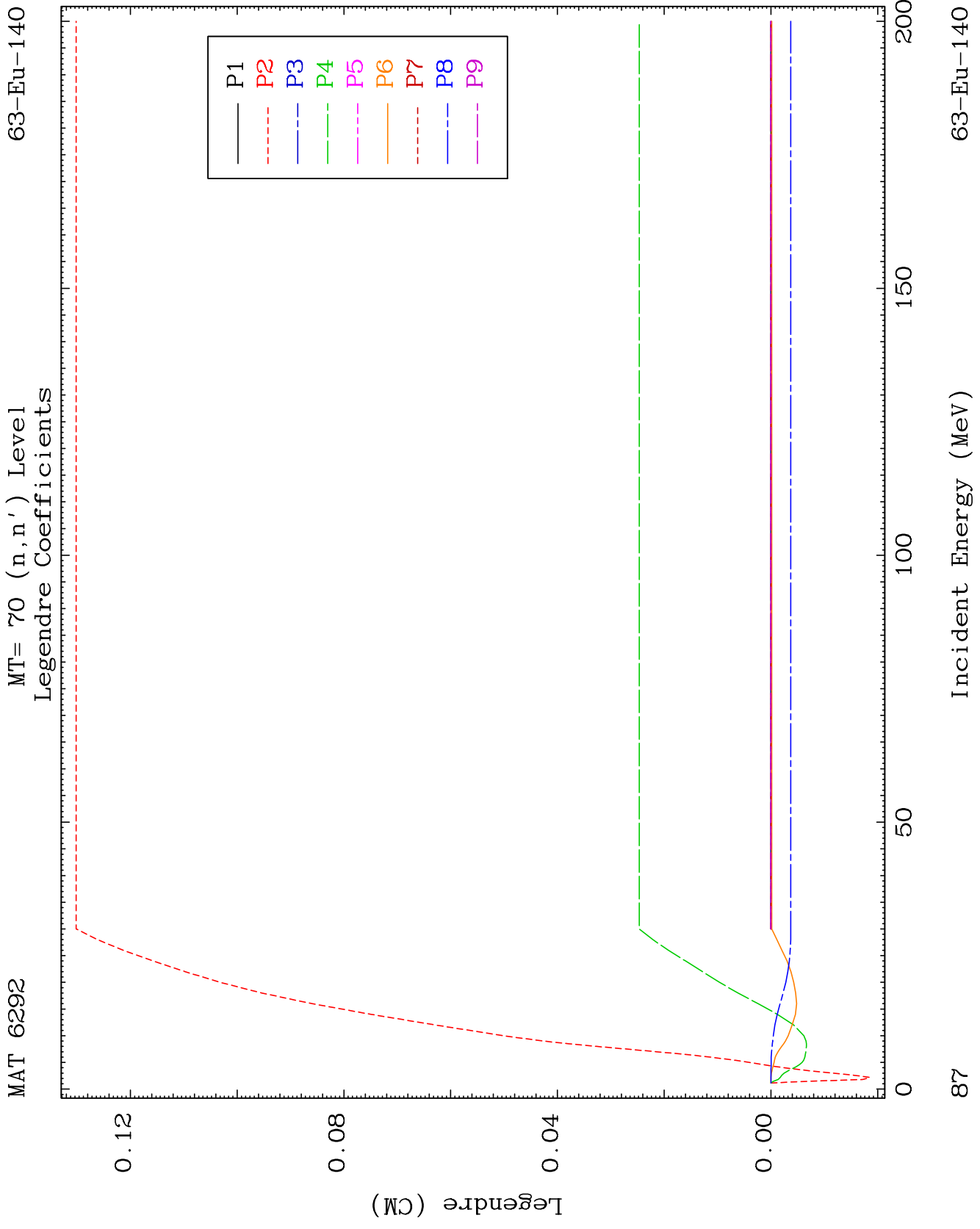


85

Incident Energy (MeV)

63-Eu-140



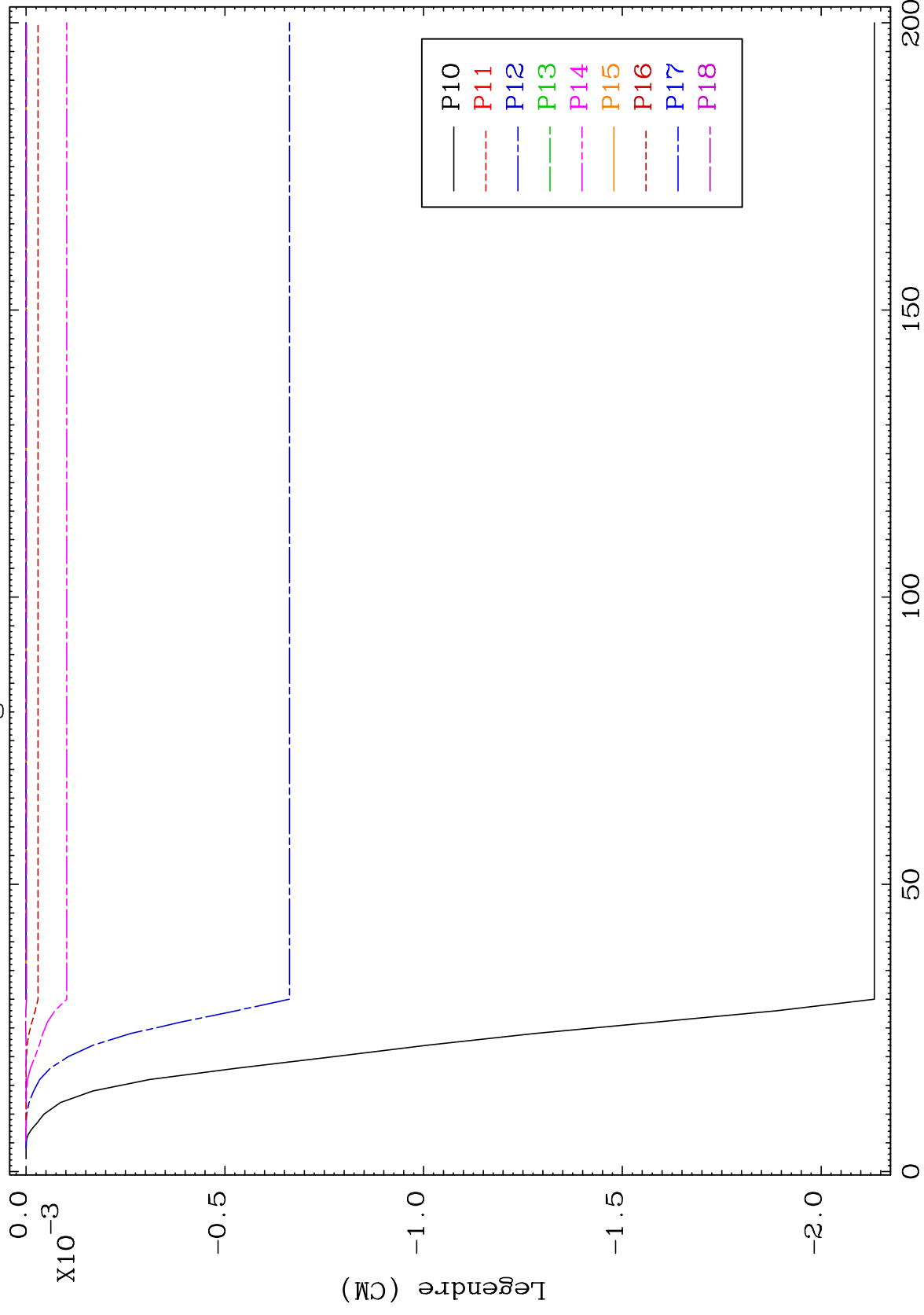




MAT 6292

MT= 70 (n,n') Level  
Legendre Coefficients

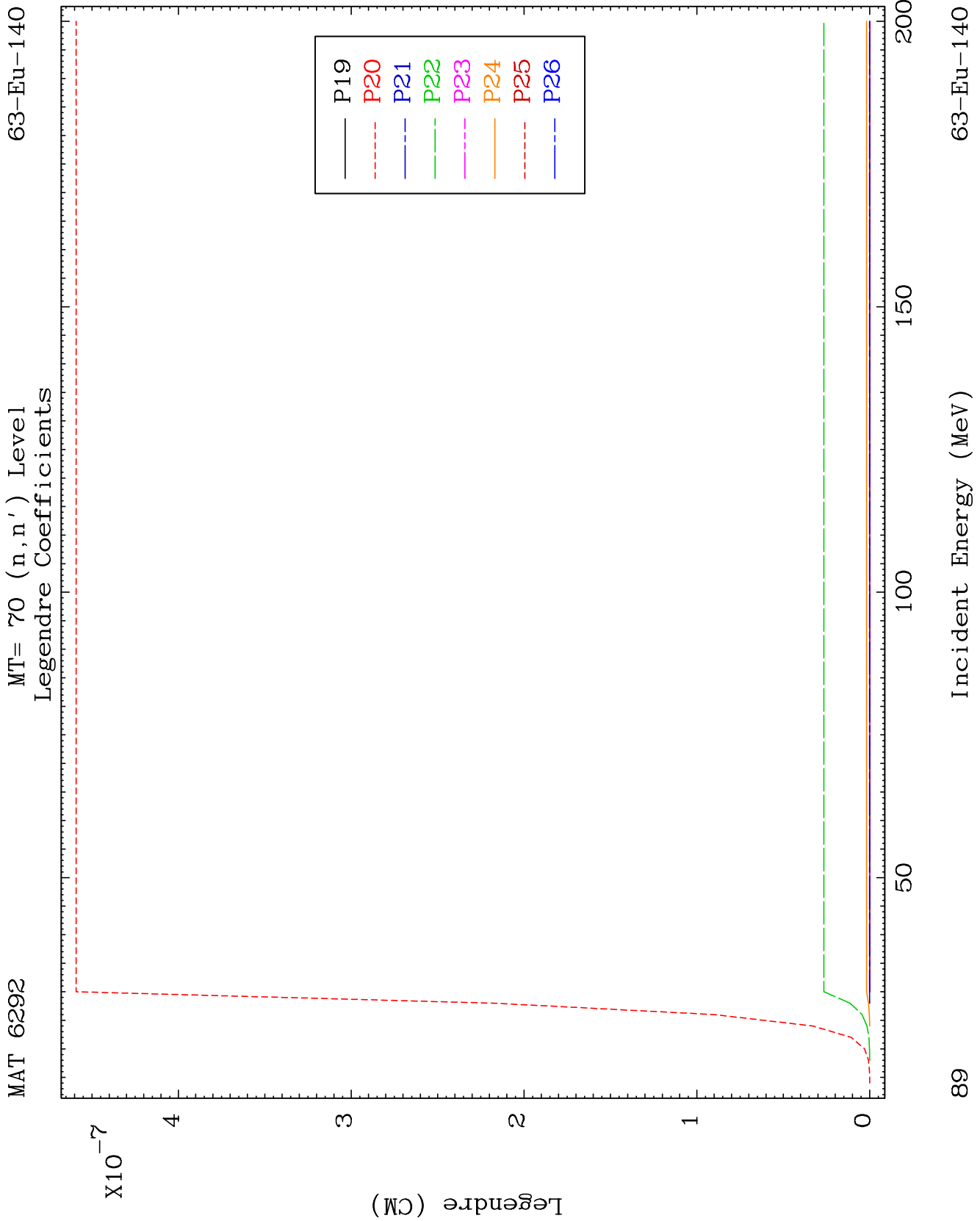
63-Eu-140



88

Incident Energy (MeV)

63-Eu-140

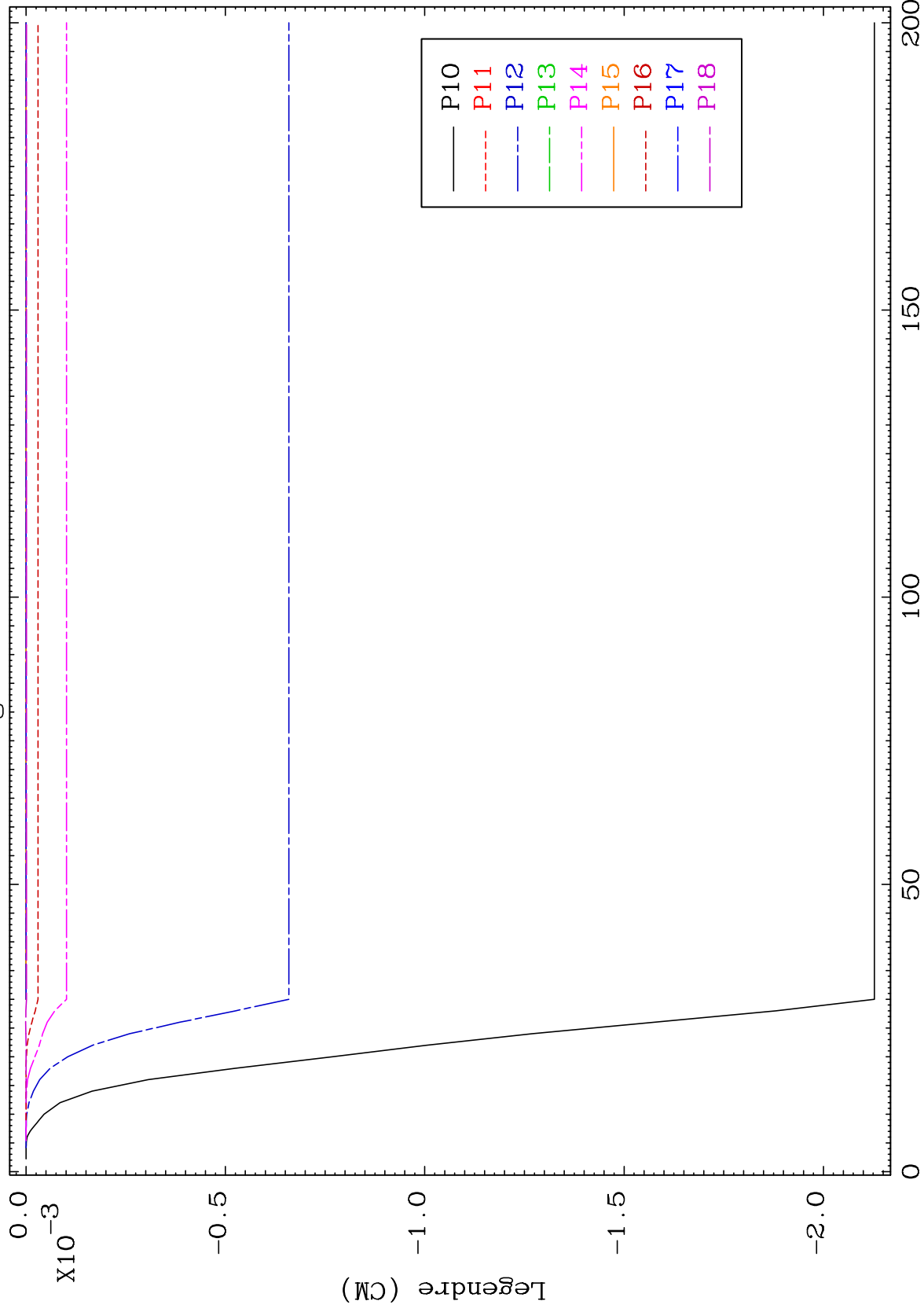




MAT 6292

MT= 71 (n,n') Level  
Legendre Coefficients

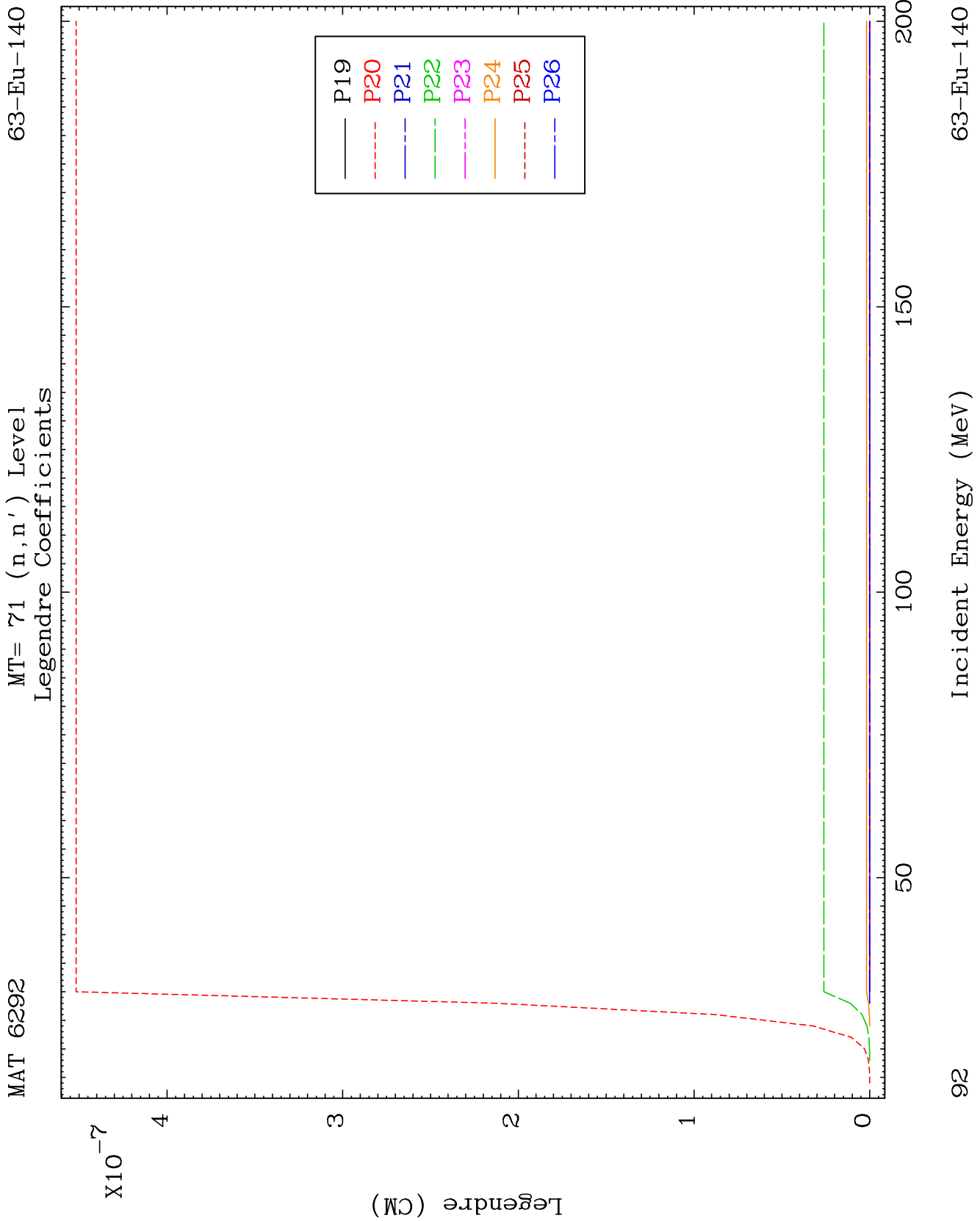
63-Eu-140



91

Incident Energy (MeV)

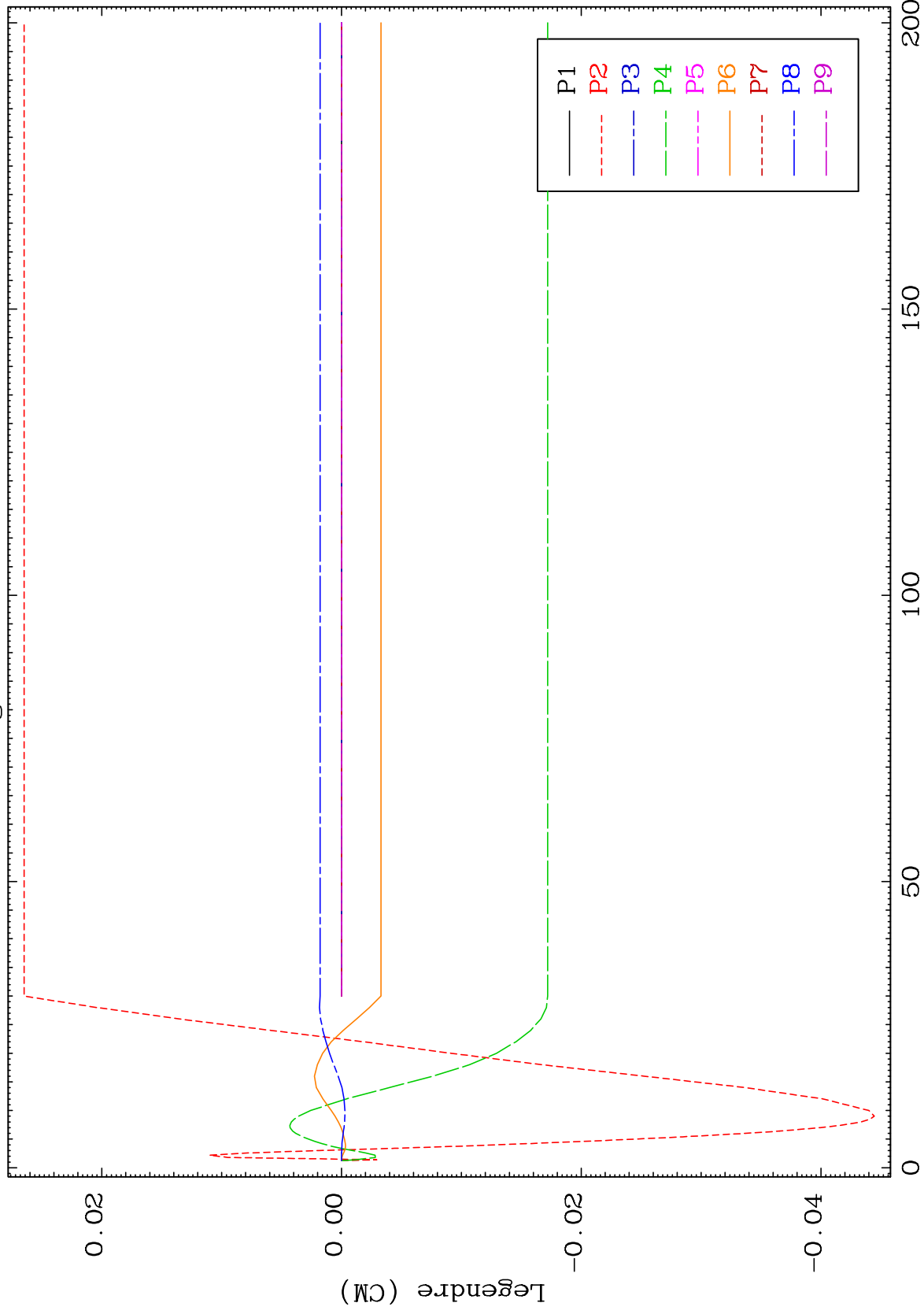
63-Eu-140



MAT 6292

MT= 72 (n,n') Level  
Legendre Coefficients

63-Eu-140



93

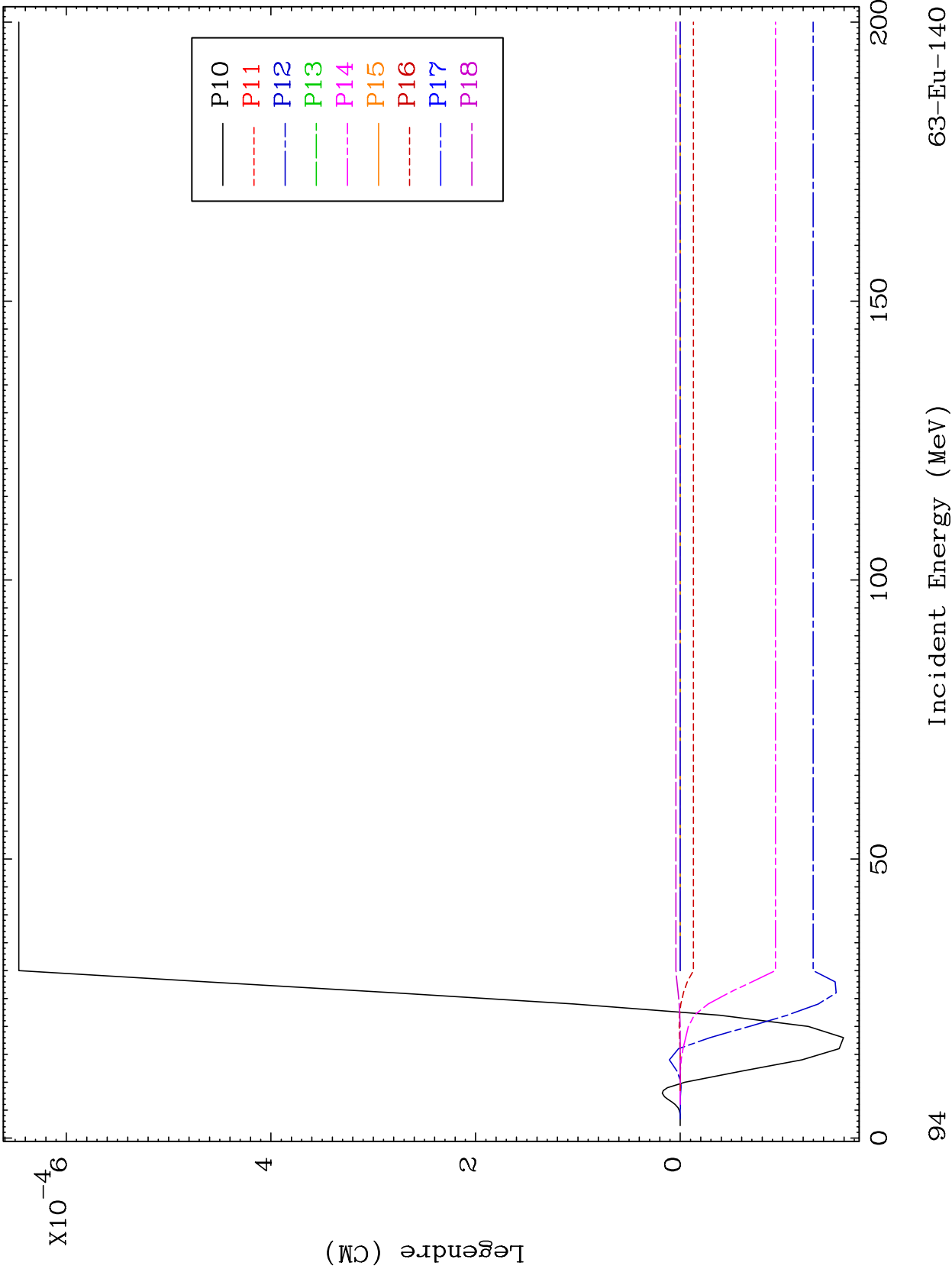
Incident Energy (MeV)

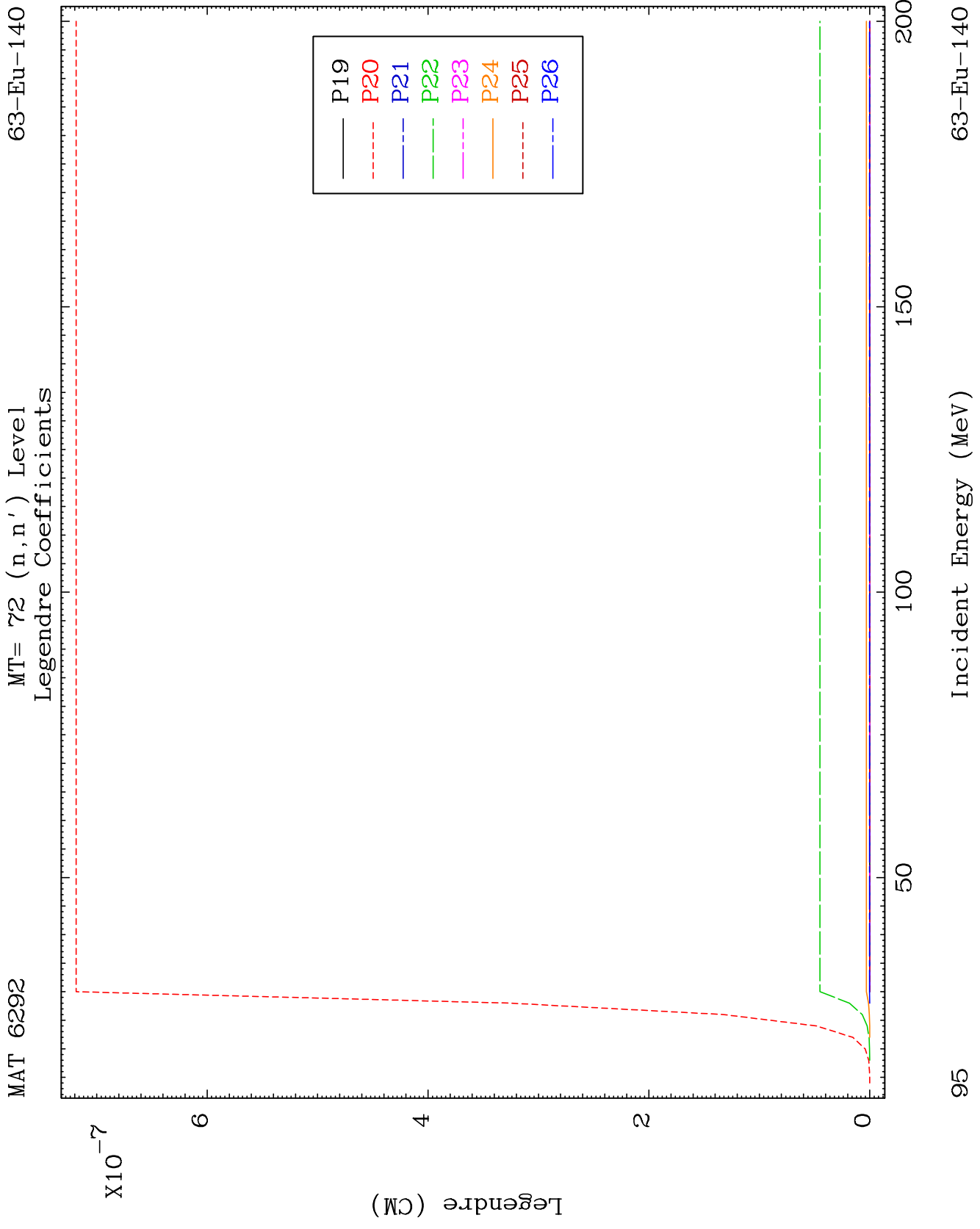
63-Eu-140

MAT 6292

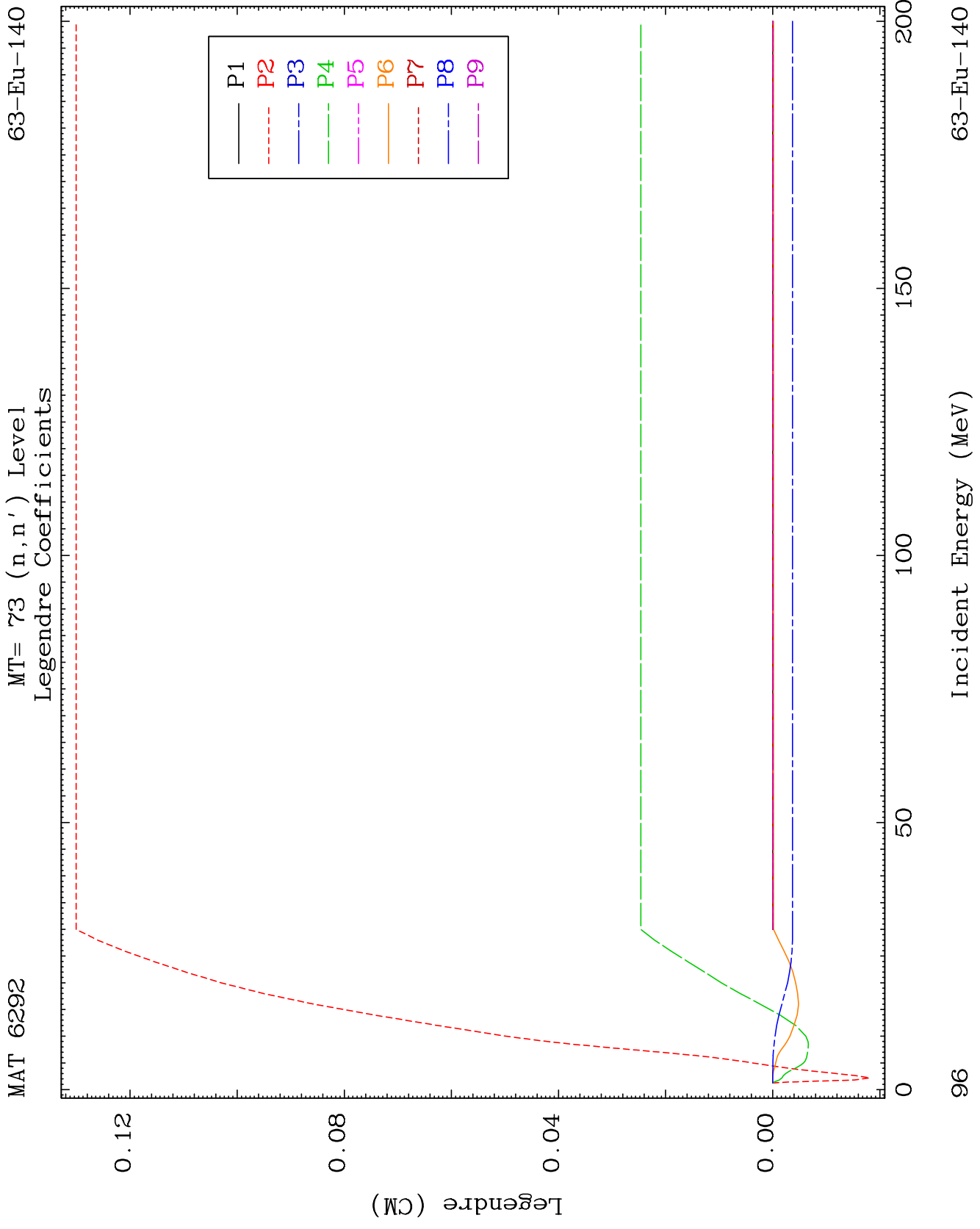
MT= 72 (n,n') Level  
Legendre Coefficients

63-Eu-140





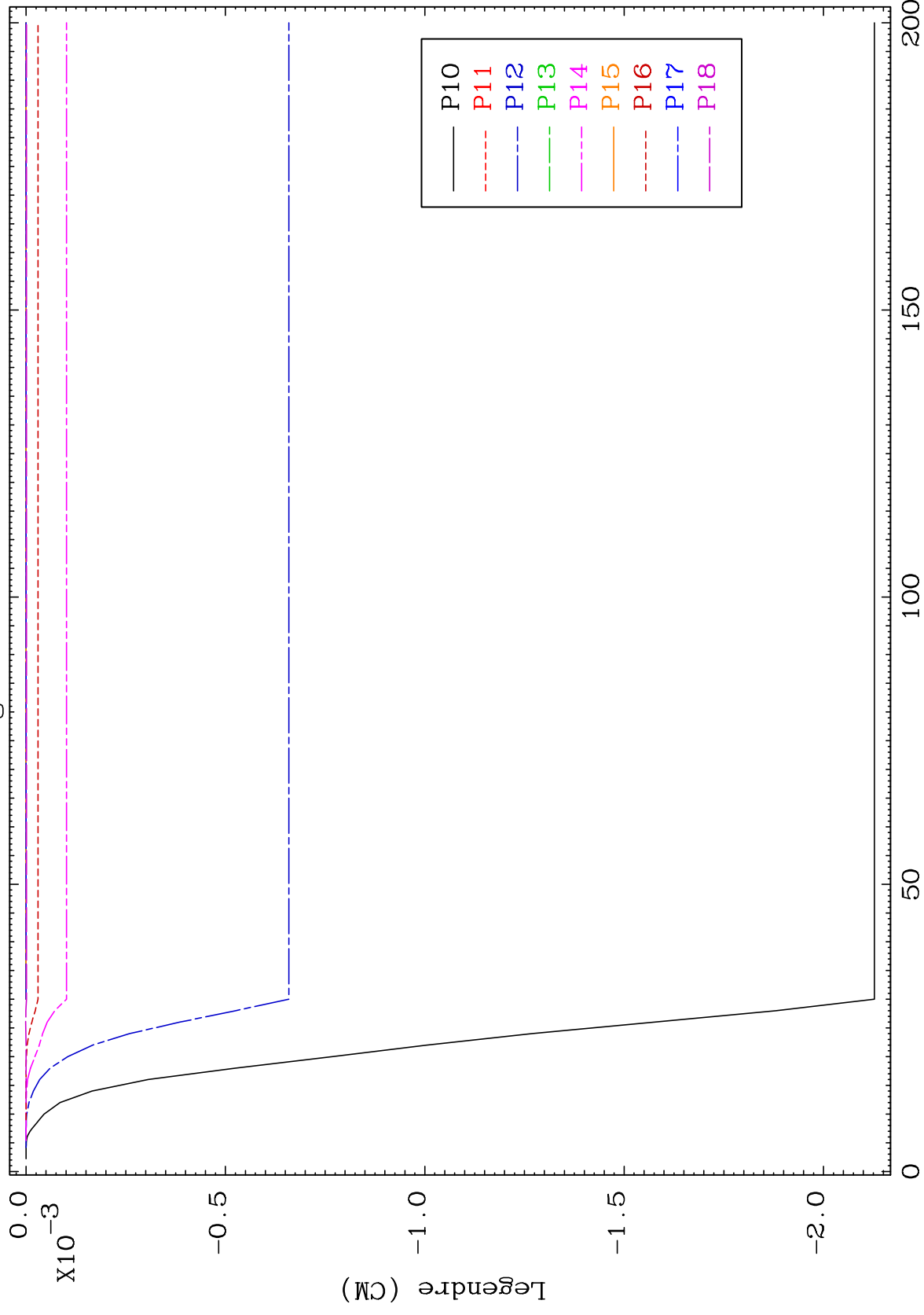




MAT 6292

MT= 73 (n,n') Level  
Legendre Coefficients

63-Eu-140



97

Incident Energy (MeV)

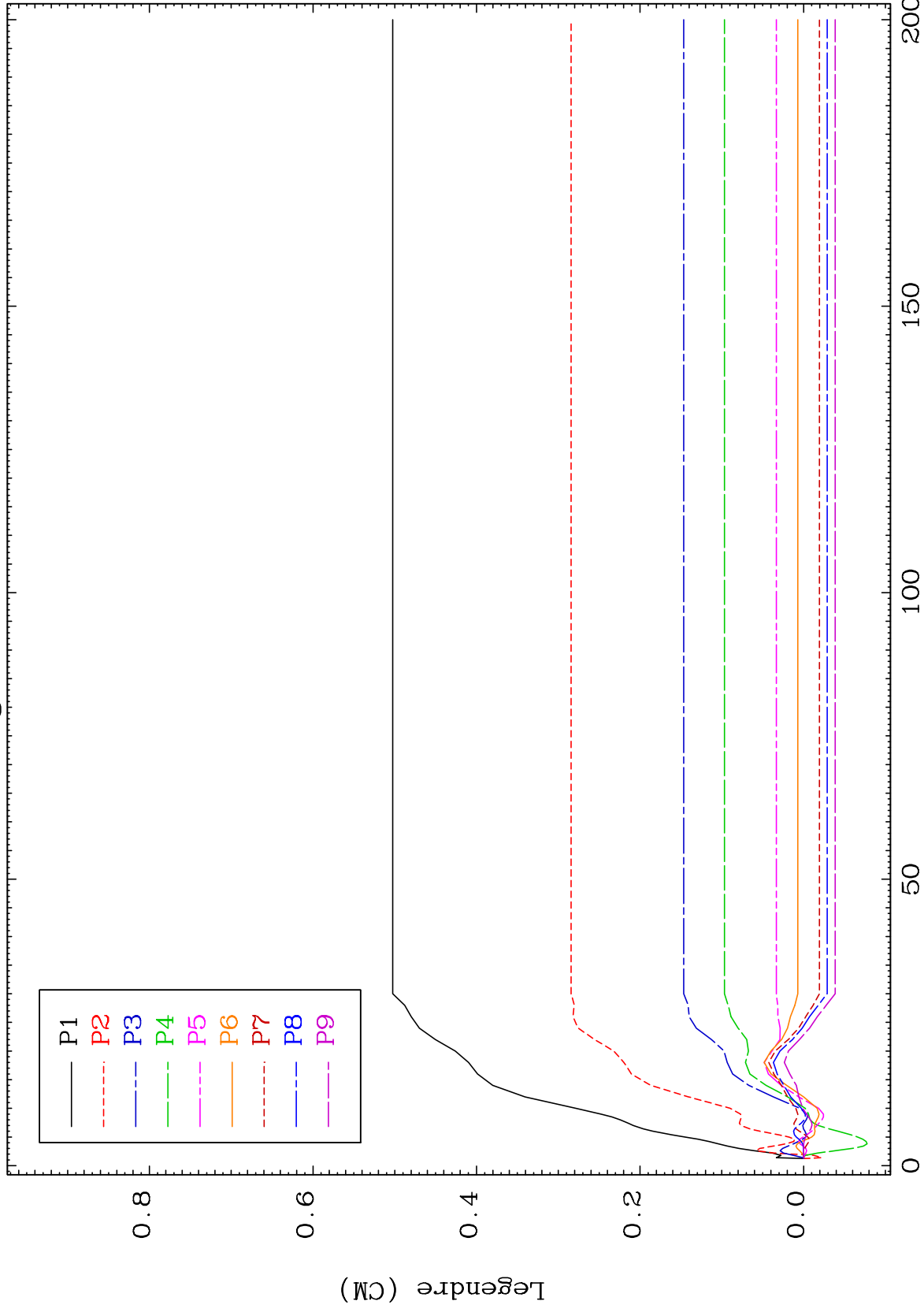
63-Eu-140



MAT 6292

MT= 74 (n,n') Level  
Legendre Coefficients

63-Eu-140



99

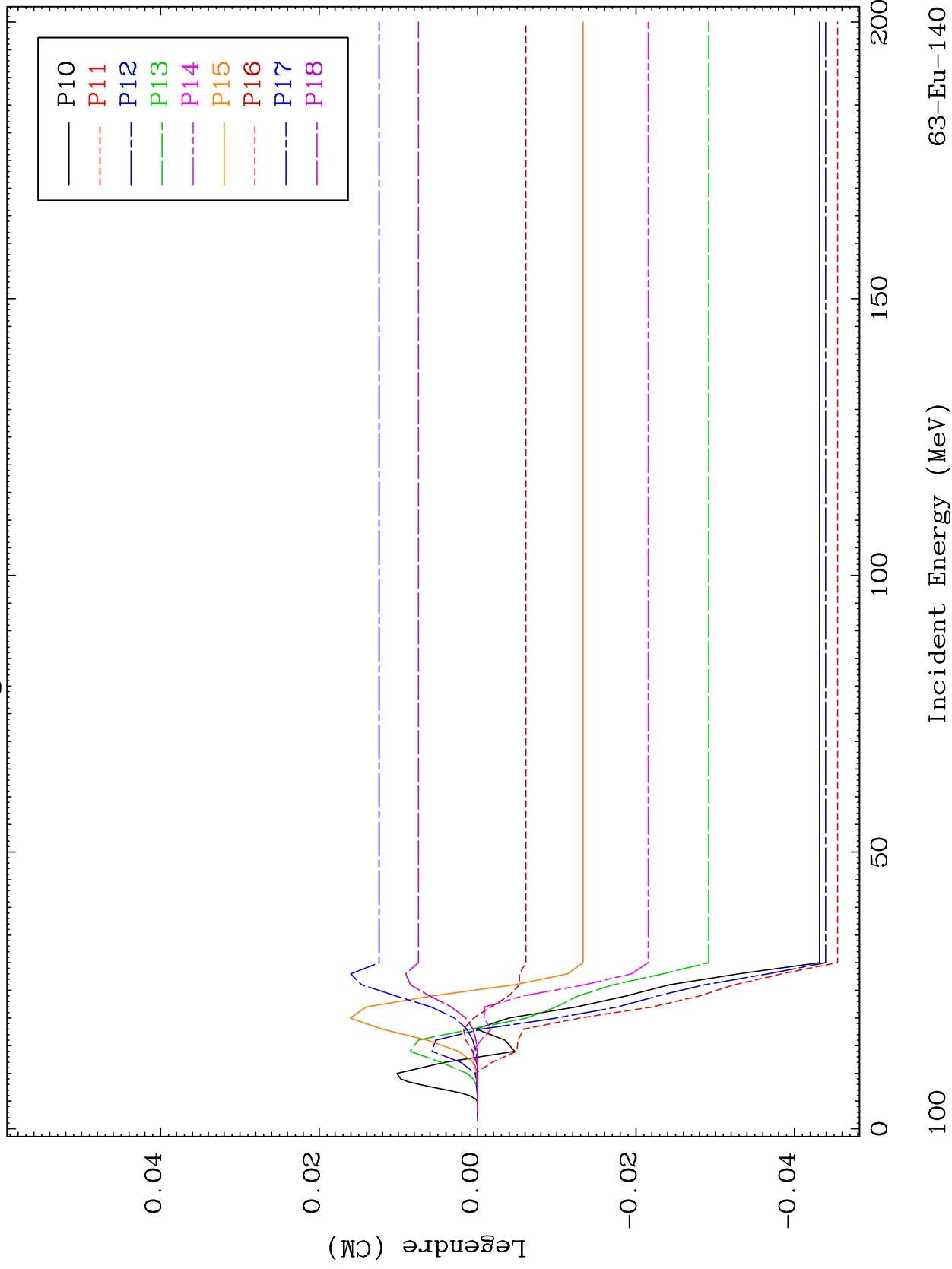
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 74 (n,n') Level  
Legendre Coefficients

63-Eu-140



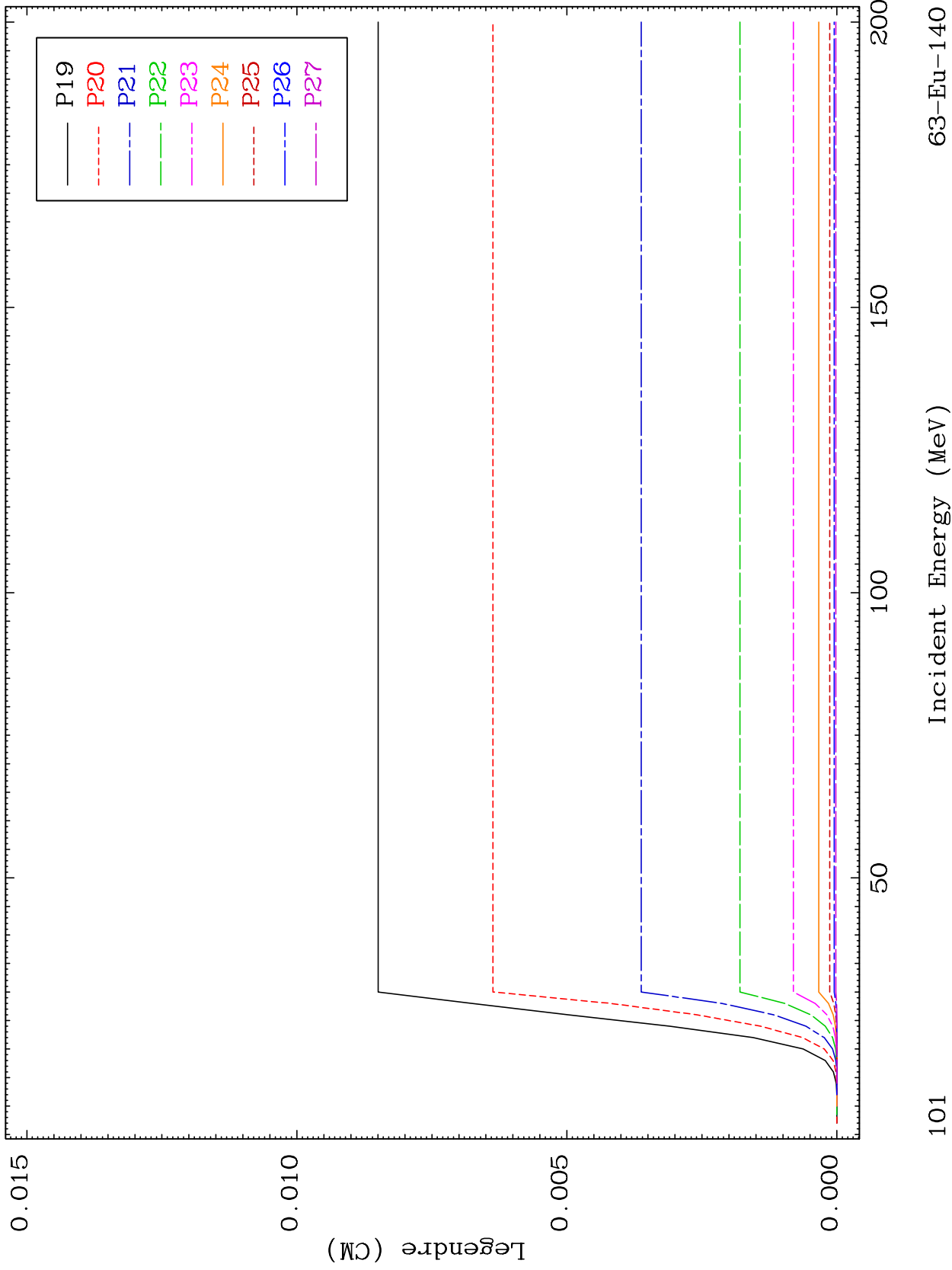
63-Eu-140

Incident Energy (MeV)

MAT 6292

MT= 74 (n,n') Level  
Legendre Coefficients

63-Eu-140



101

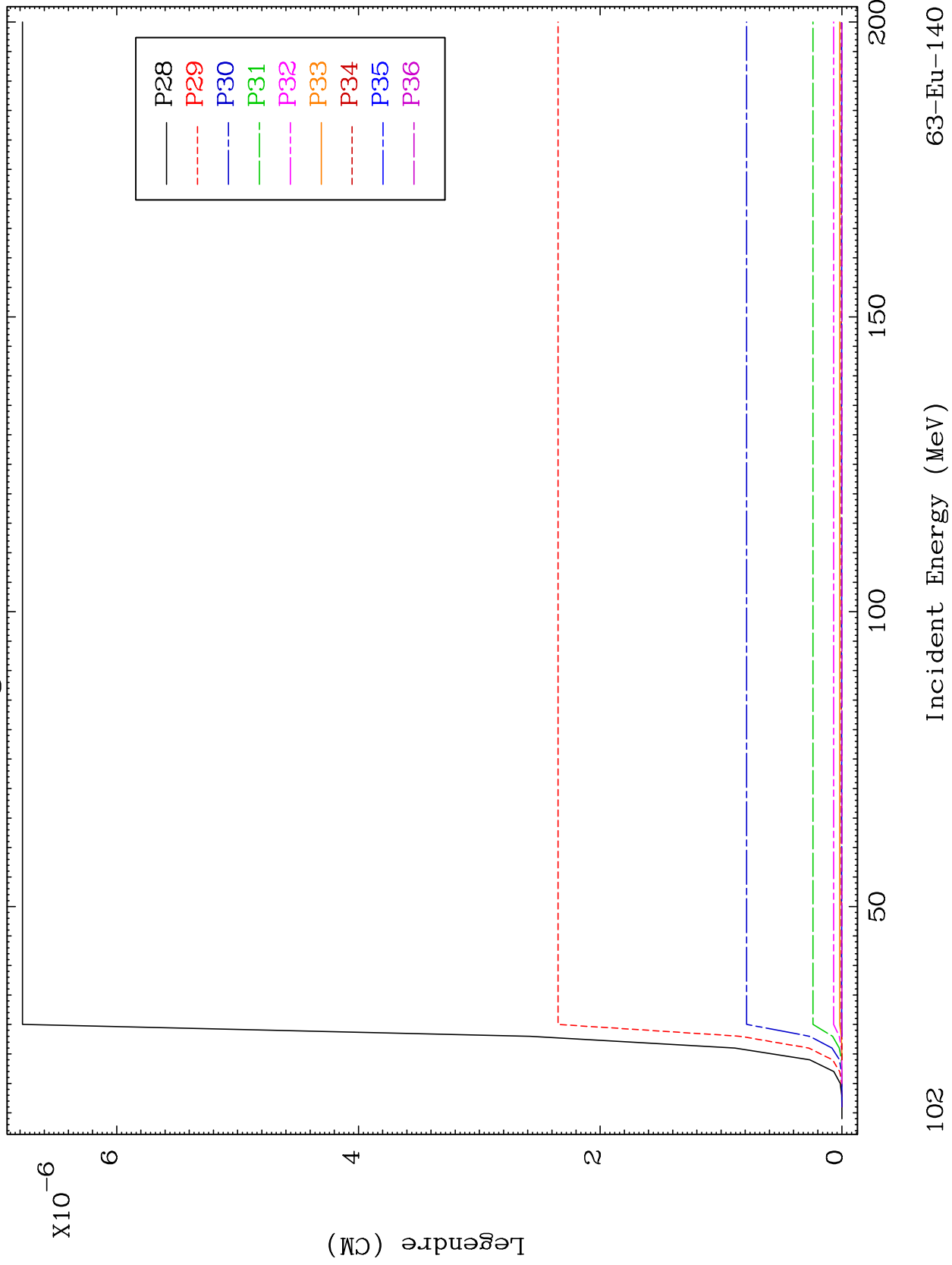
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 74 (n,n') Level  
Legendre Coefficients

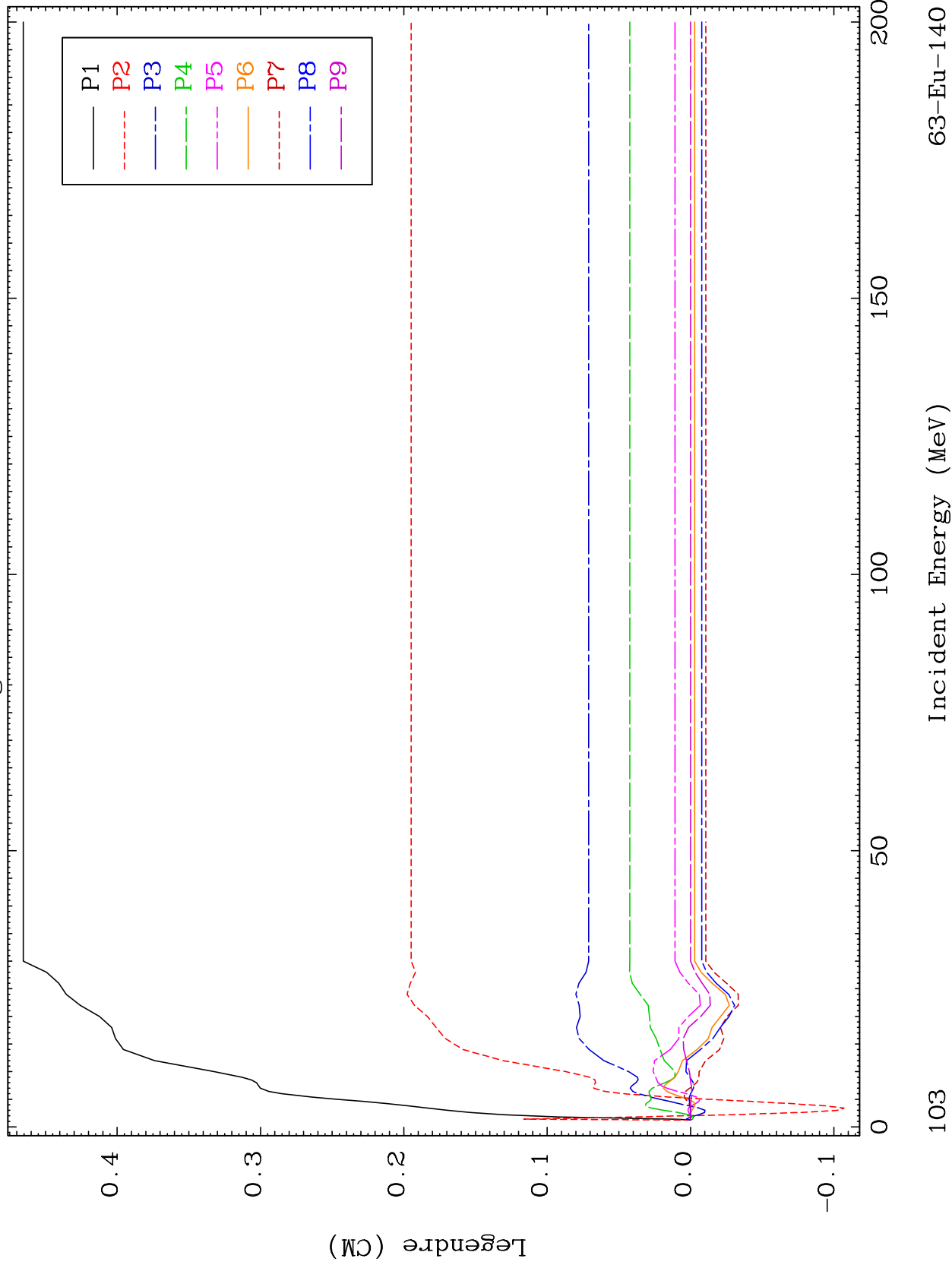
63-Eu-140



MAT 6292

MT= 75 (n,n') Level  
Legendre Coefficients

63-Eu-140



63-Eu-140

Incident Energy (MeV)

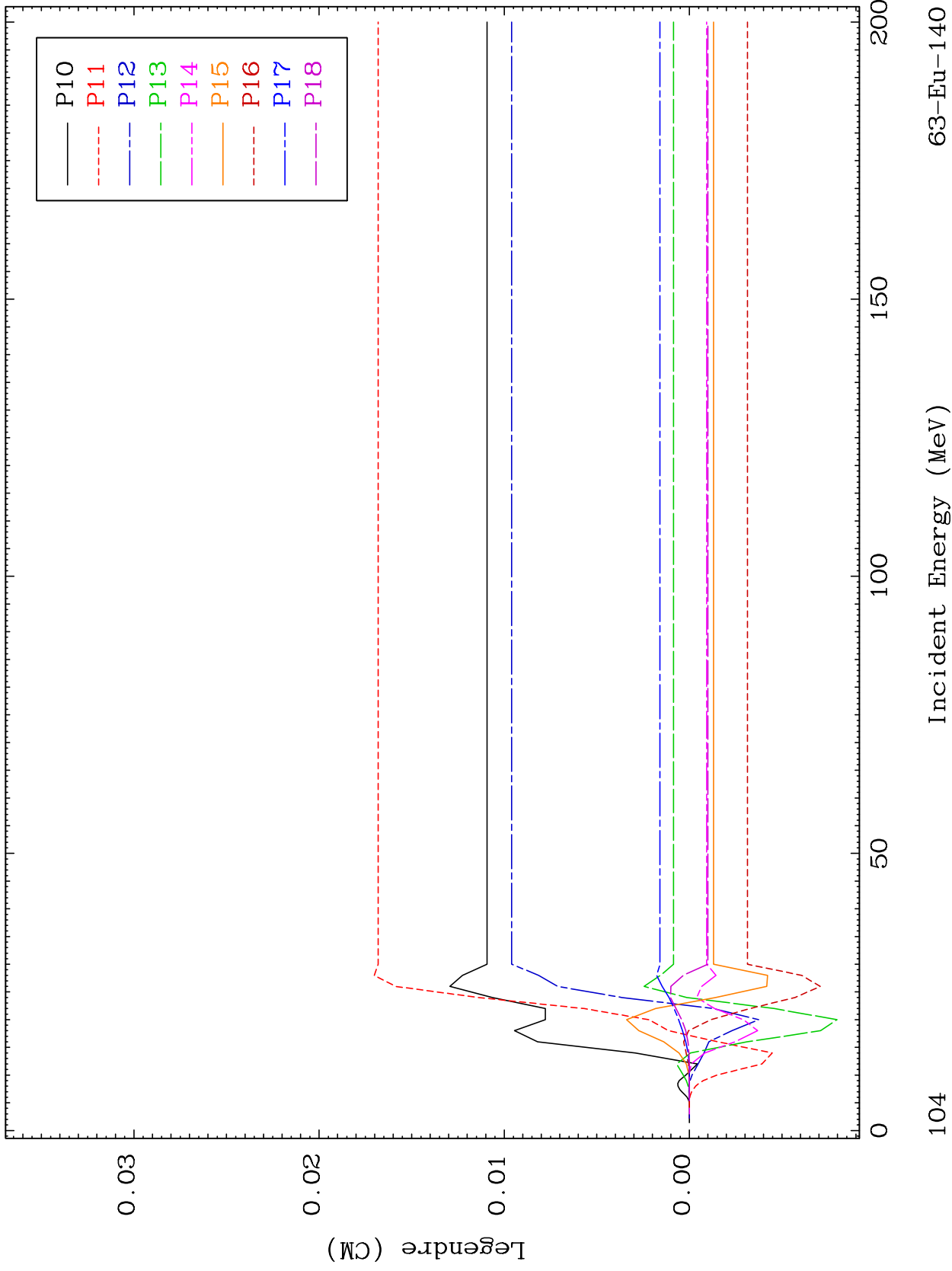
103



MAT 6292

MT= 75 (n,n') Level  
Legendre Coefficients

63-Eu-140



63-Eu-140

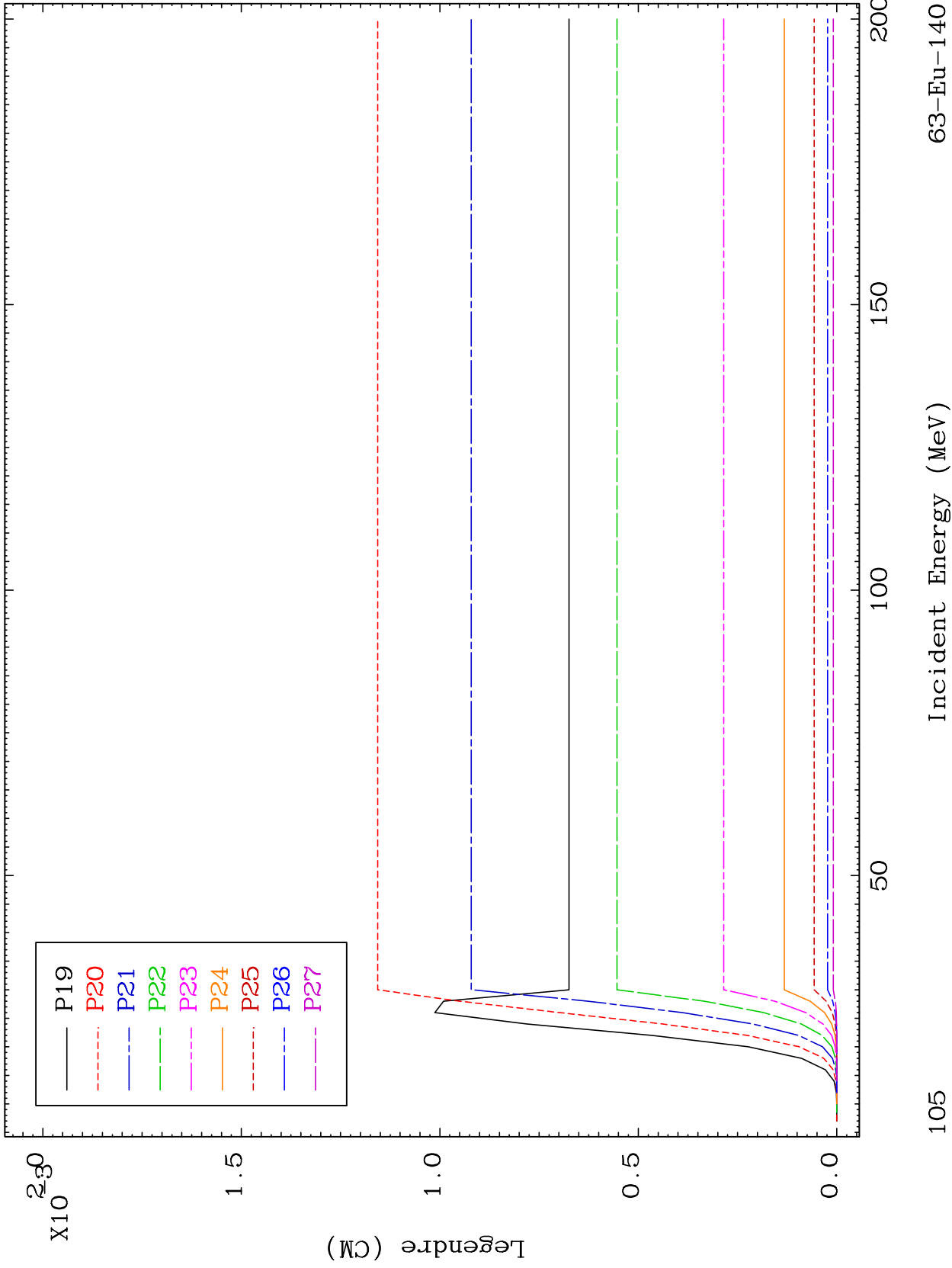
Incident Energy (MeV)

104

MAT 6292

MT= 75 (n,n') Level  
Legendre Coefficients

63-Eu-140



105

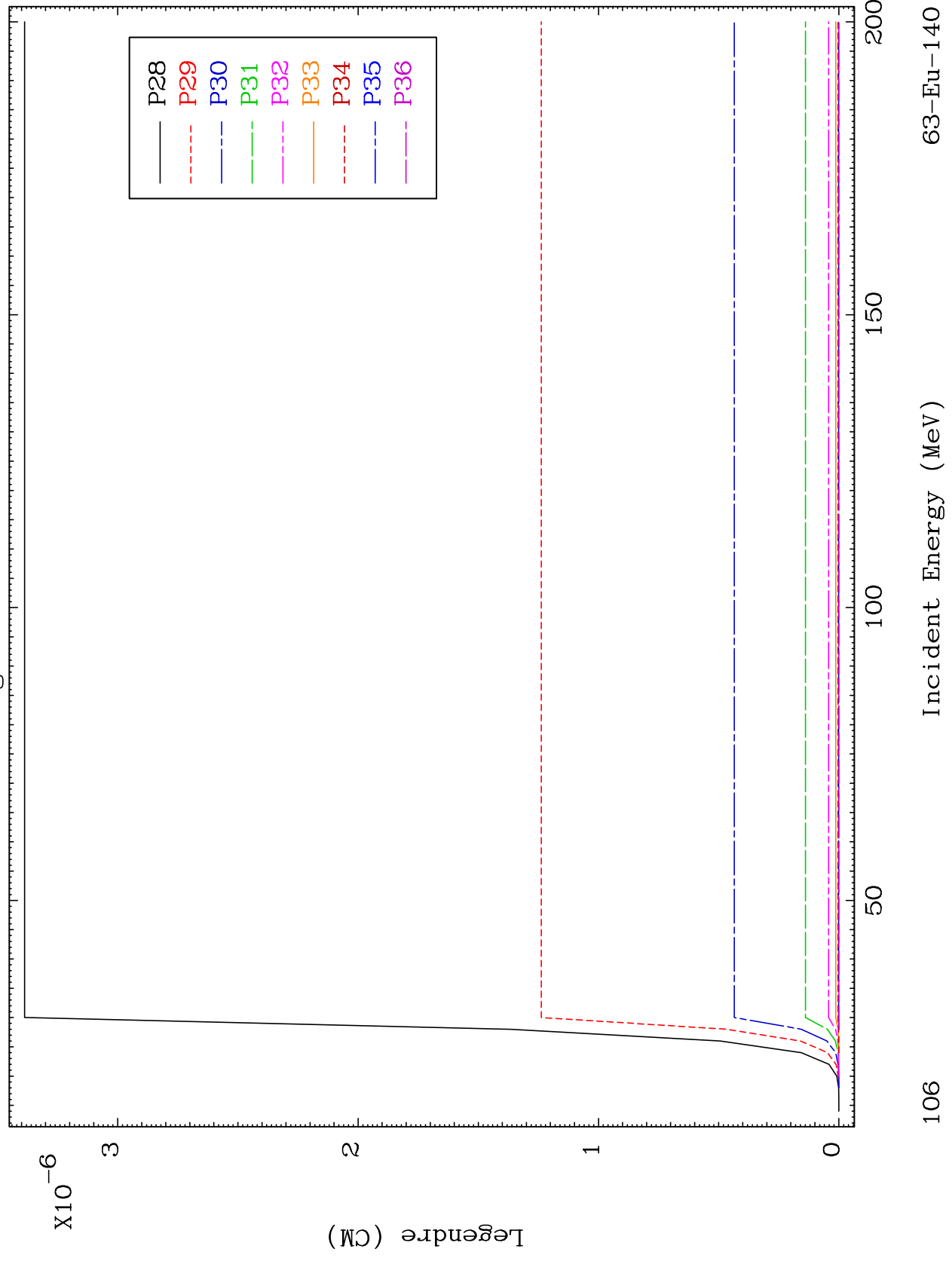
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 75 (n,n') Level  
Legendre Coefficients

63-Eu-140

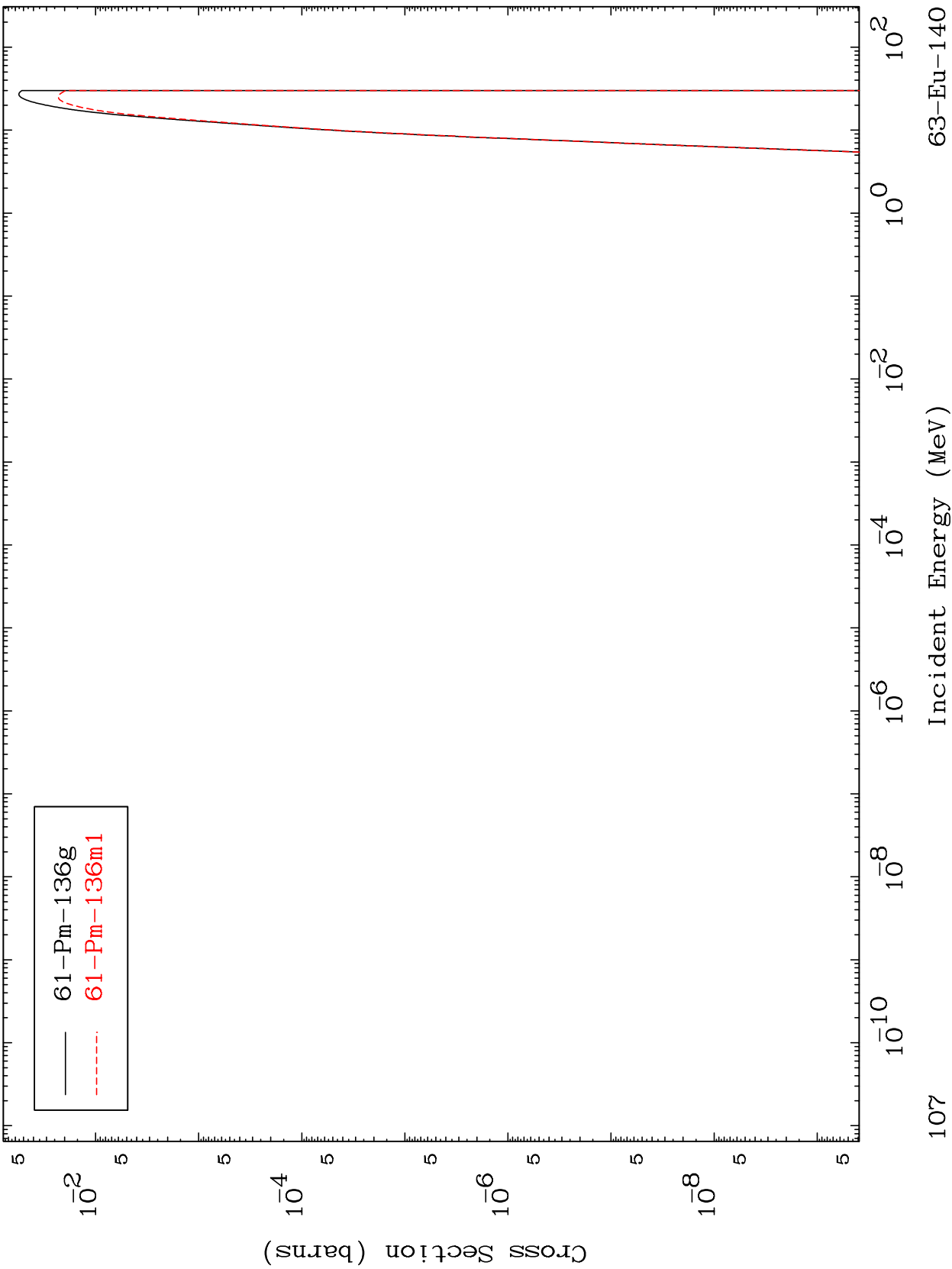


MAT 6292

$(n, n') \alpha$

63-Eu-140

Radionuclide Production Cross Section



61-Pm-136g  
61-Pm-136m1

107

Incident Energy (MeV)

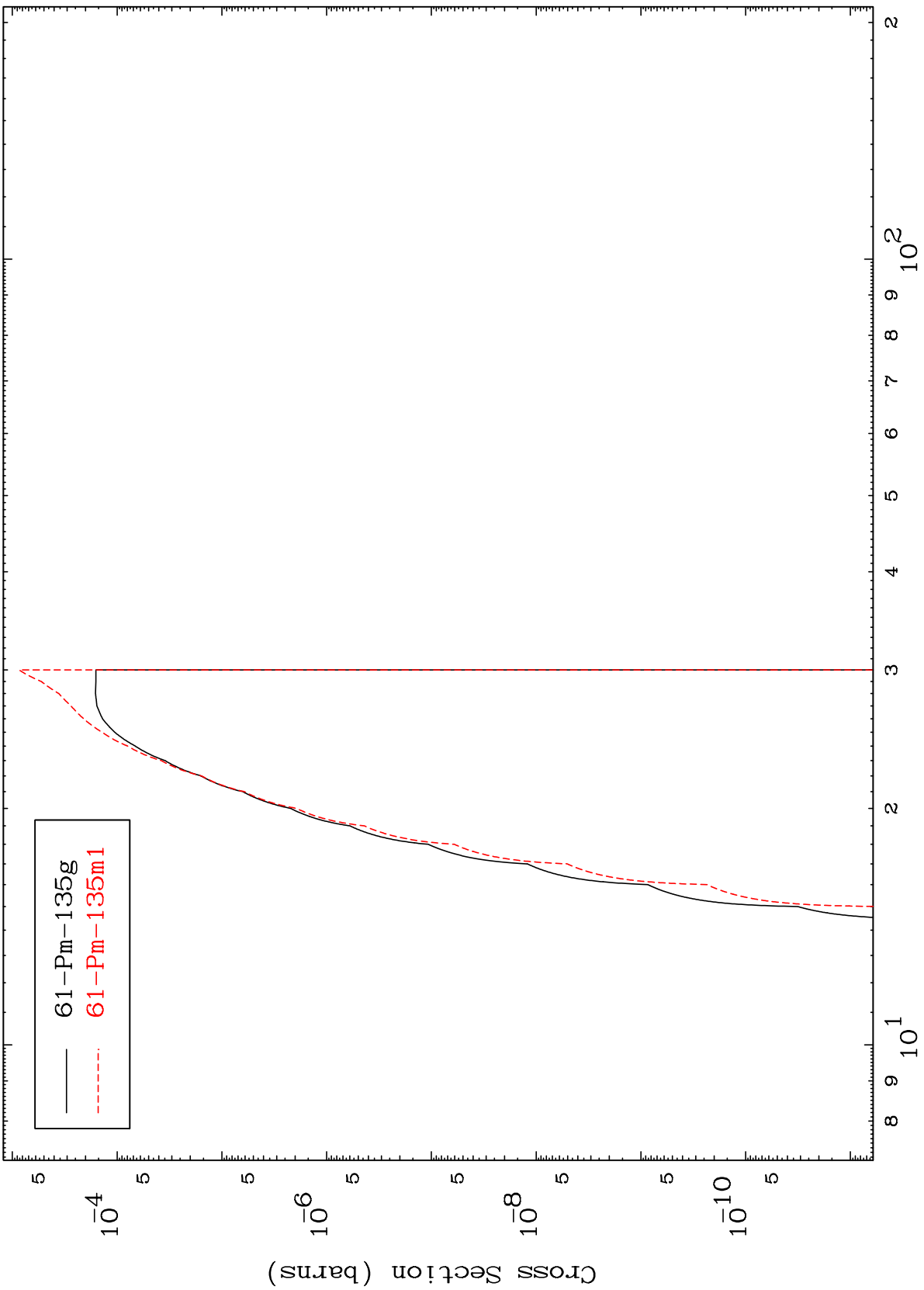
63-Eu-140

MAT 6292

(n,2n)  $\alpha$

63-Eu-140

Radionuclide Production Cross Section



108

Incident Energy (MeV)

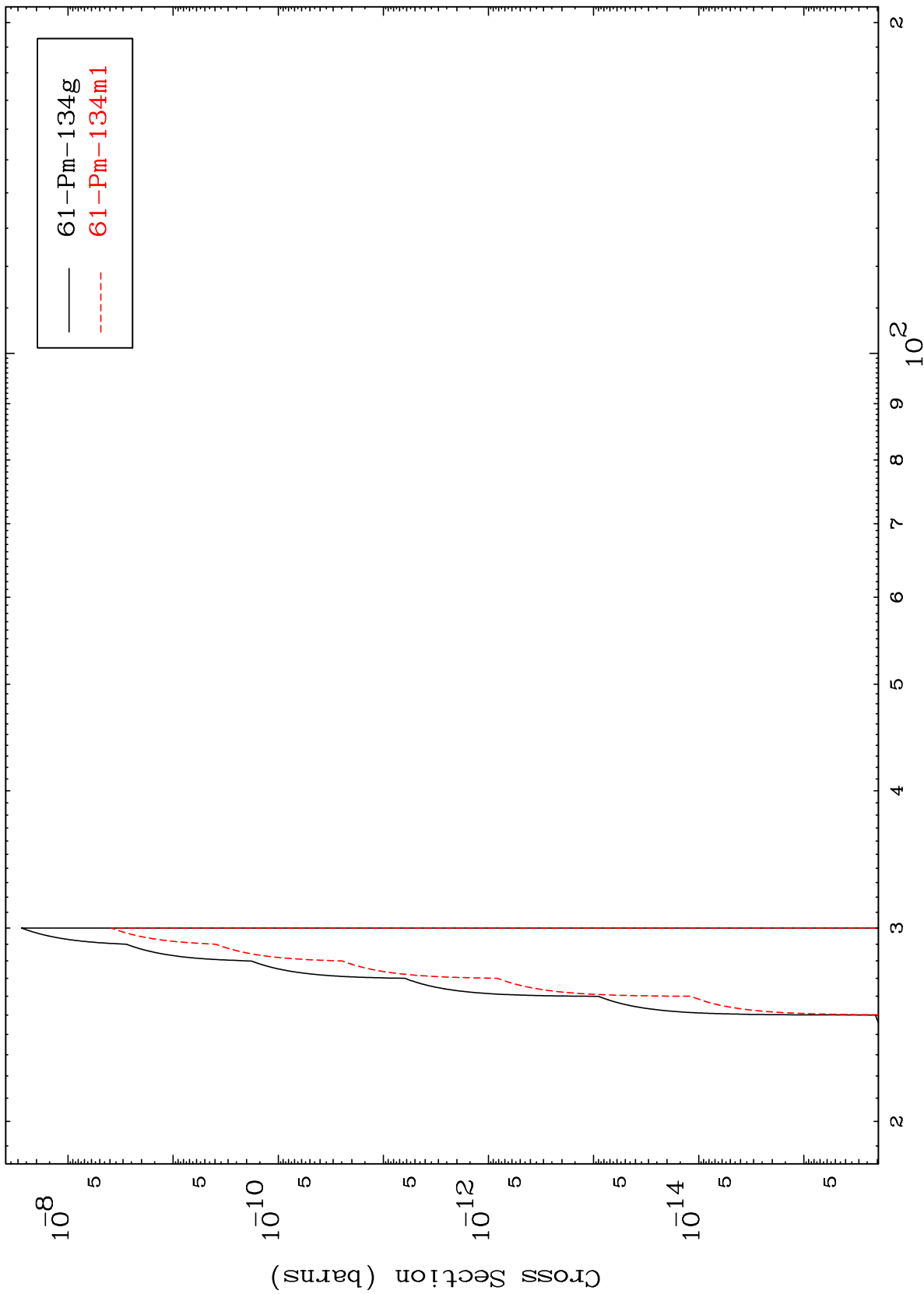
63-Eu-140

MAT 6292

(n,3n)  $\alpha$

63-Eu-140

Radionuclide Production Cross Section



109

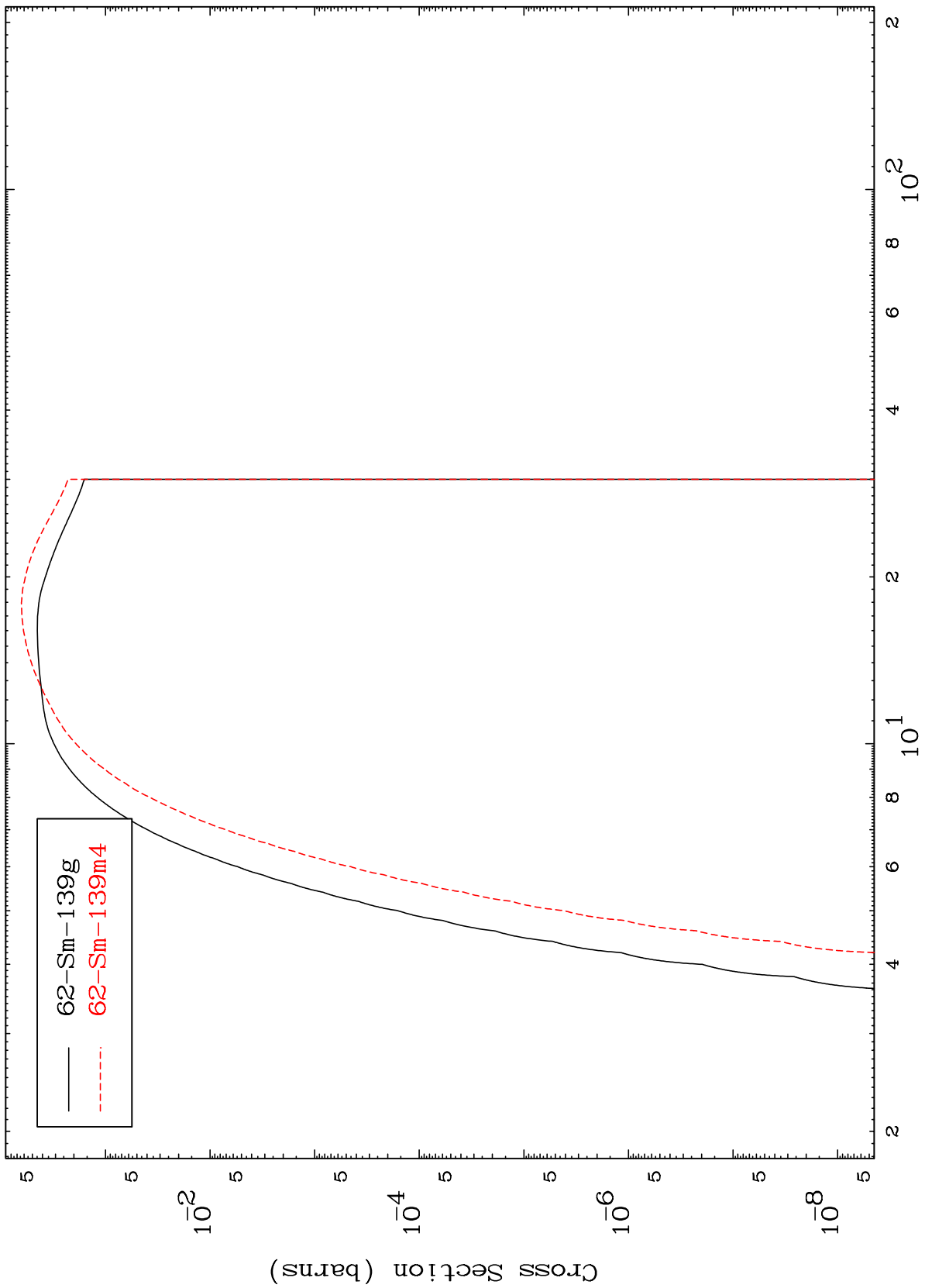
Incident Energy (MeV)

63-Eu-140

MAT 6292

63-Eu-140

(n,n') p  
Radionuclide Production Cross Section



110

Incident Energy (MeV)

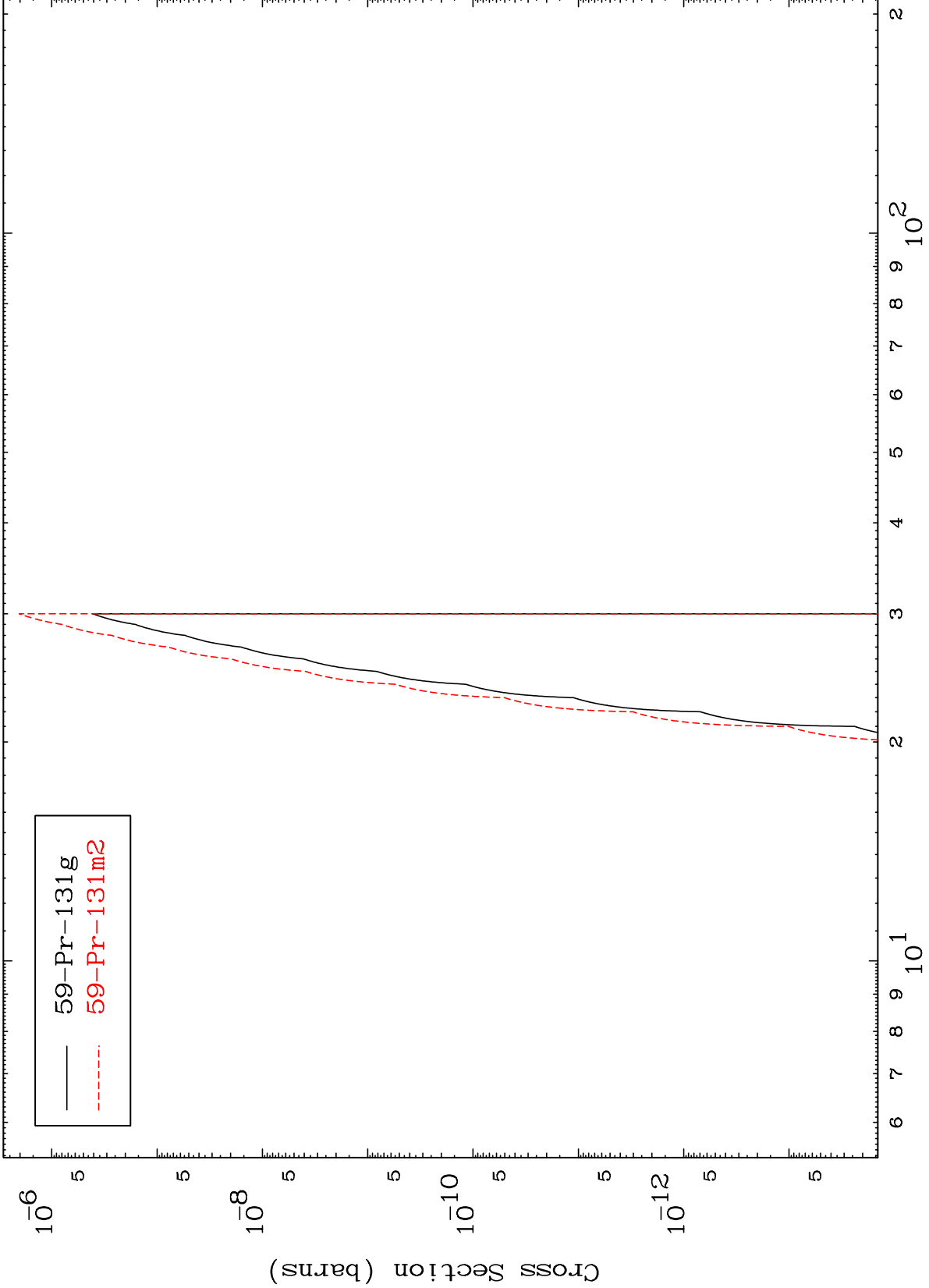
63-Eu-140

MAT 6292

(n,2n) 2α

63-Eu-140

Radionuclide Production Cross Section



59-Pr-131g  
59-Pr-131m2

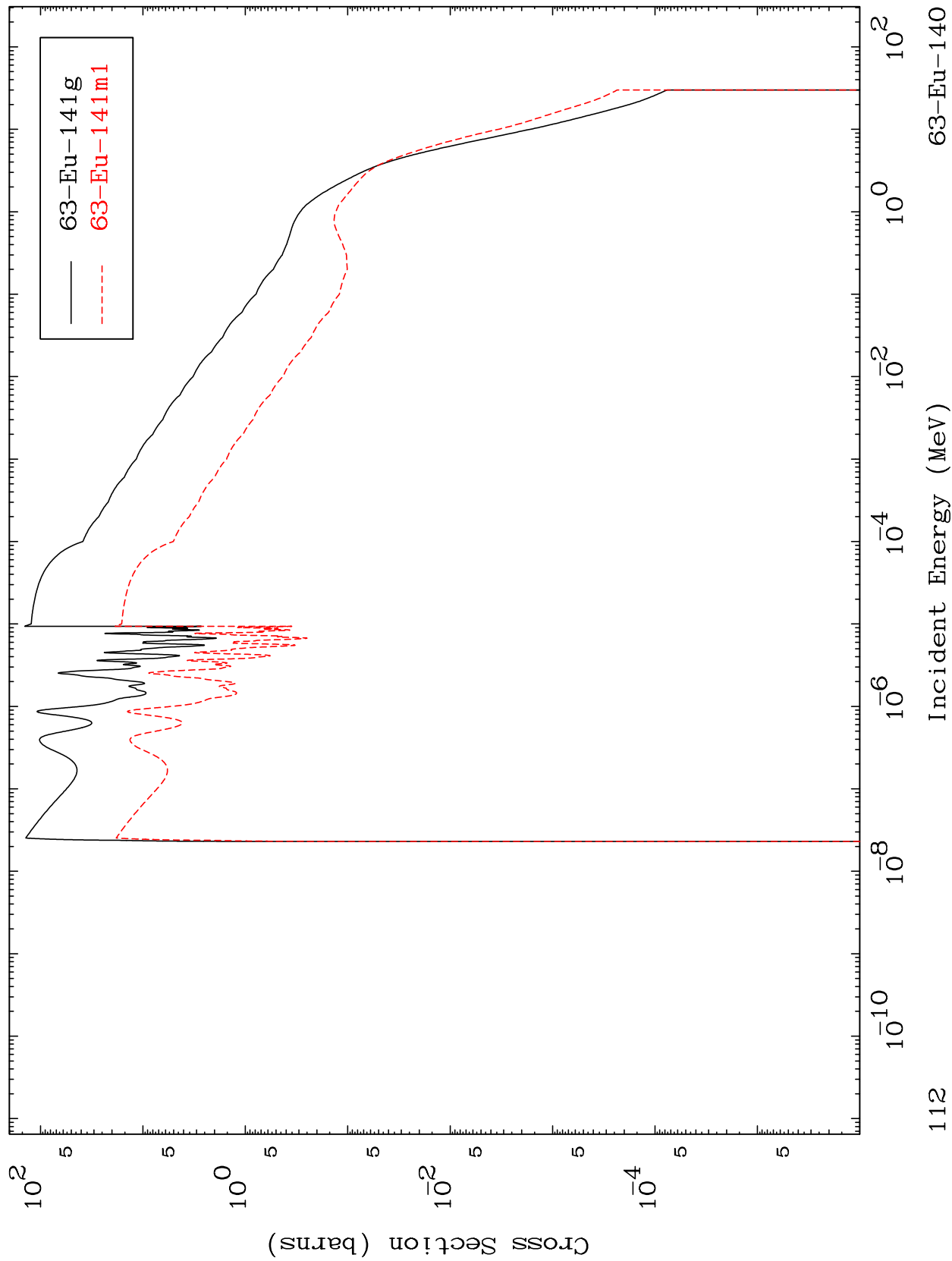
111

Incident Energy (MeV)

63-Eu-140



(n,  $\gamma$ )  
Radionuclide Production Cross Section

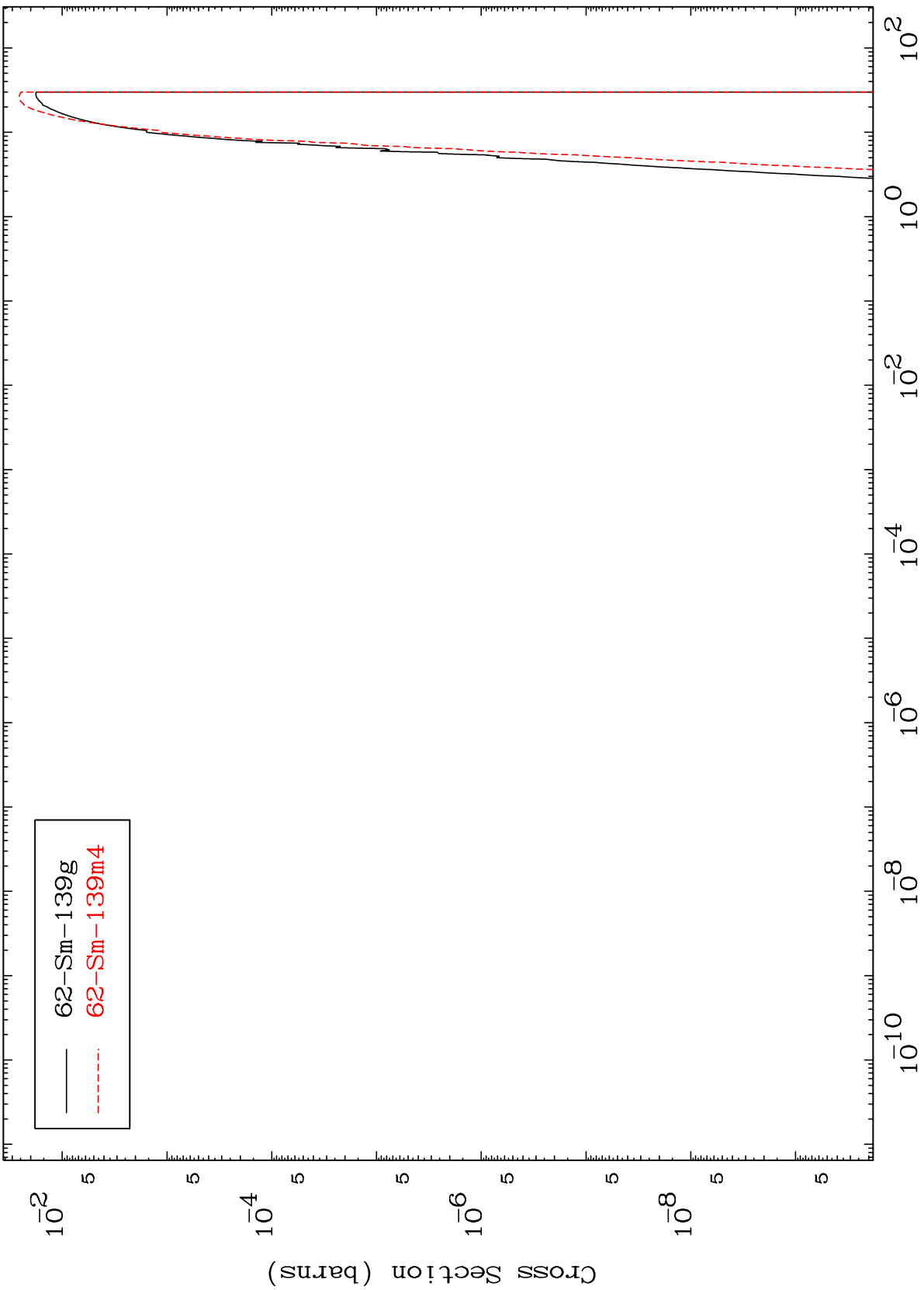
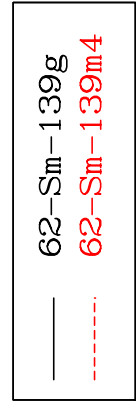


MAT 6292

(n,d)

<sup>63</sup>Eu-140

Radionuclide Production Cross Section



113

Incident Energy (MeV)

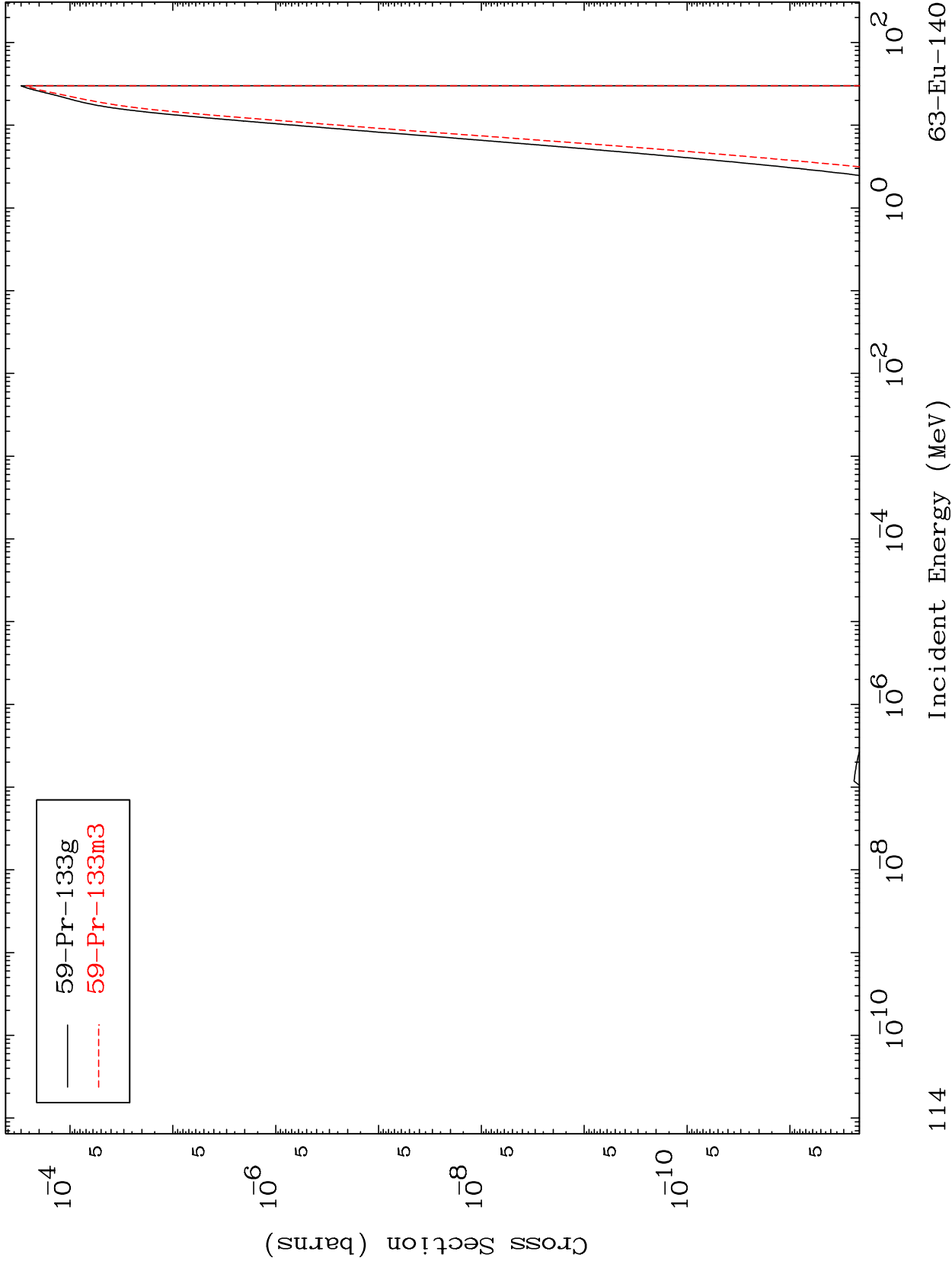
<sup>63</sup>Eu-140

MAT 6292

(n,2α)

63-Eu-140

Radionuclide Production Cross Section



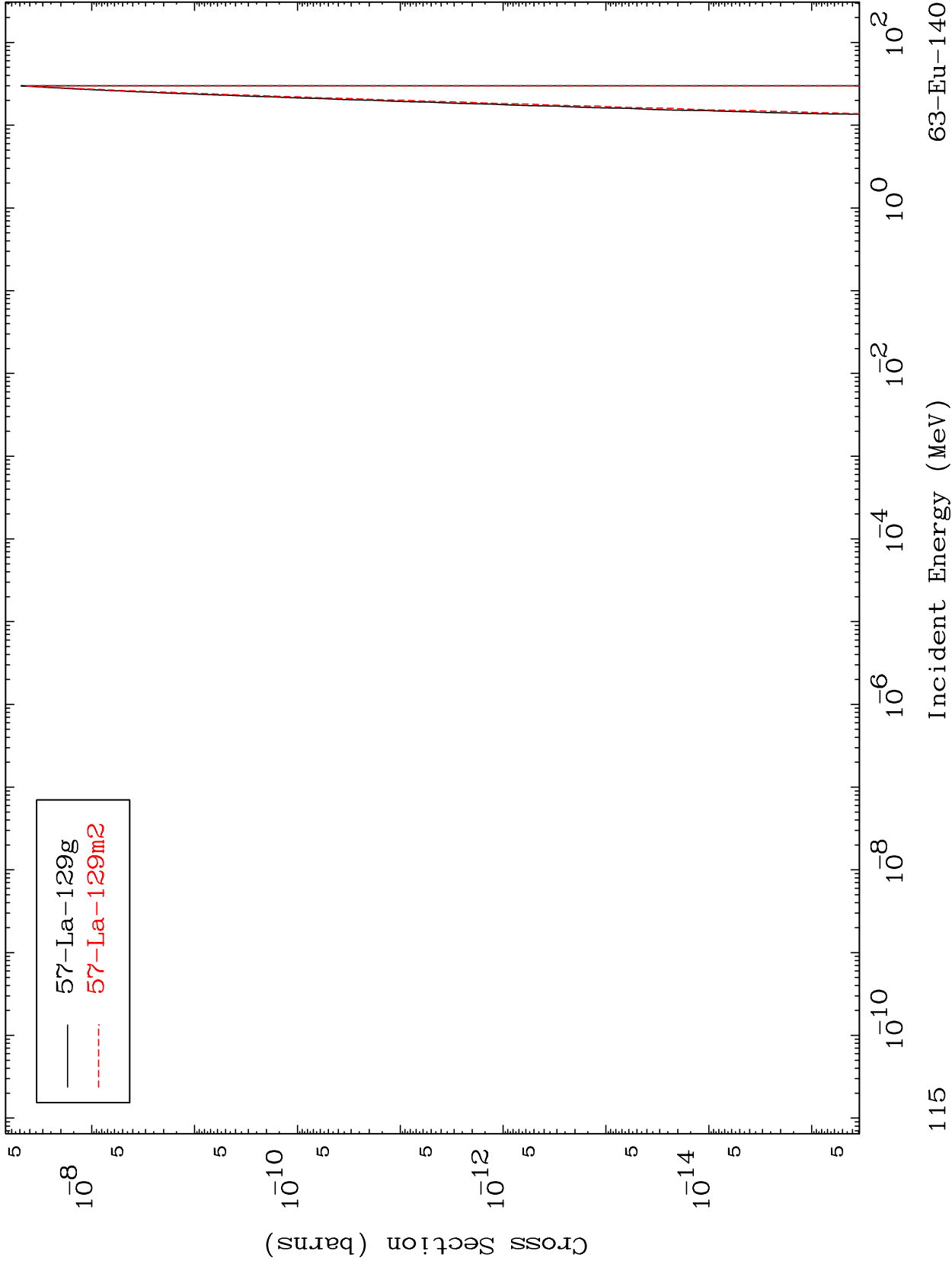
— 59-Pr-133g  
- - - 59-Pr-133m3

MAT 6292

(n, 3α)

63-Eu-140

Radionuclide Production Cross Section

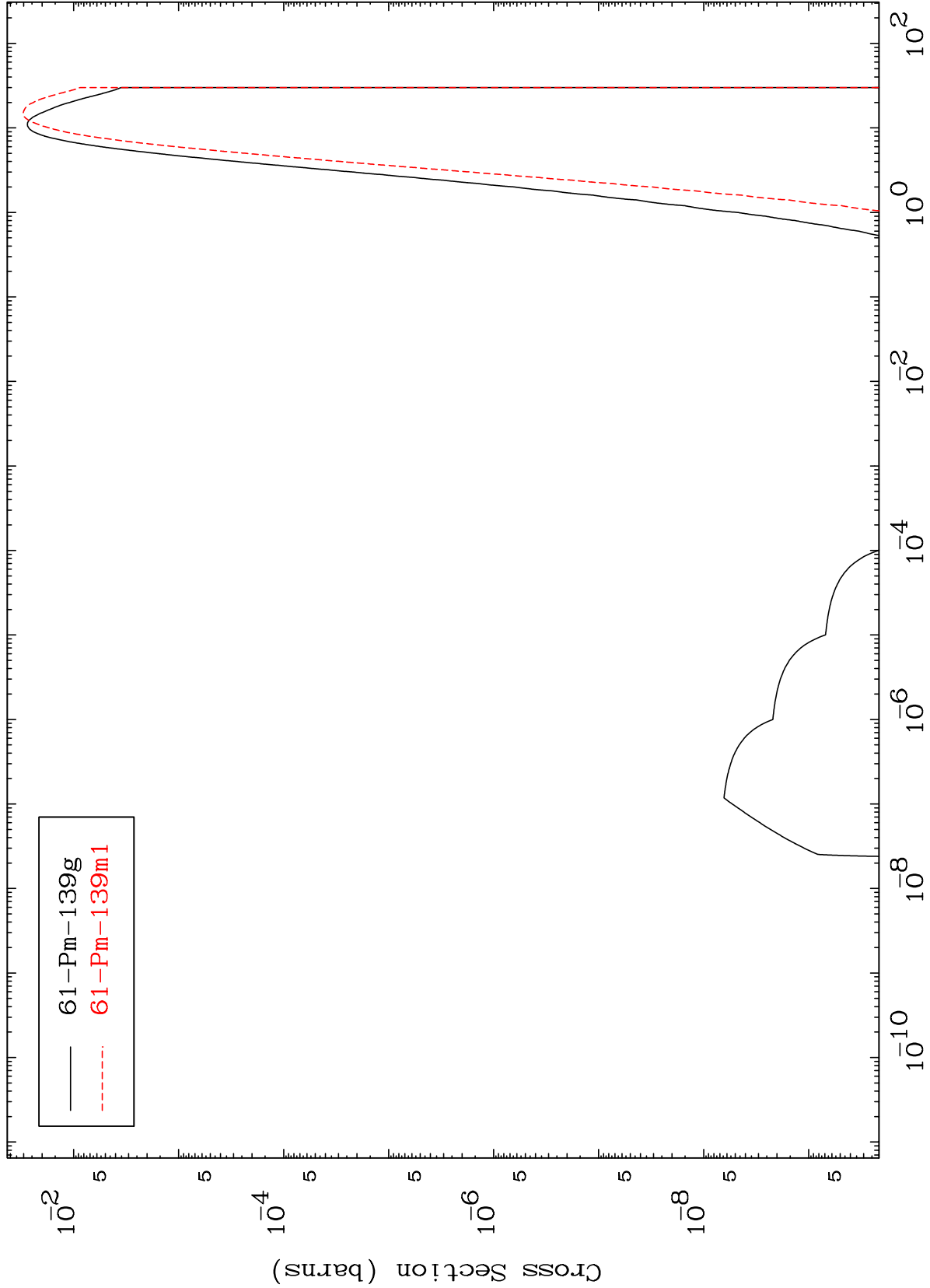
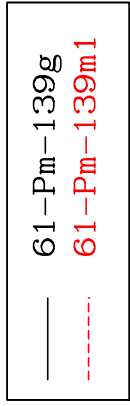


MAT 6292

(n,2p)

63-Eu-140

Radionuclide Production Cross Section



116

63-Eu-140